[illegible]

USAFETAC/[illegible]

SURFACE OBSERVATION CLIMATIC SUMMARIES [illegible]

[illegible]

[illegible]

PREPARED BY

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-27[illegible]

SEPT [illegible] 19[illegible]

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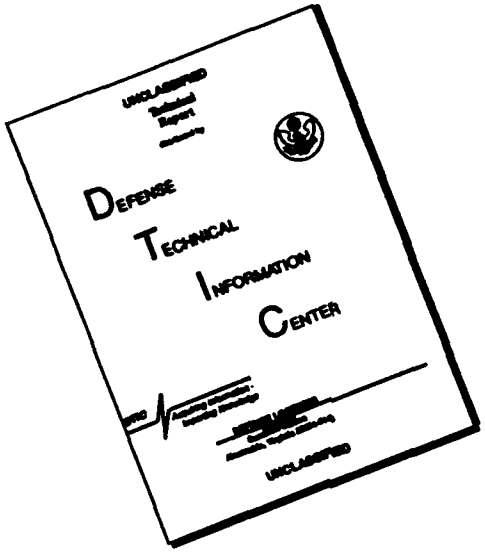

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1a. REPORT SECURITY CLASSIFICATION: [illegible]

1b. DISTRIBUTION/AVAILABILITY OF REPORT: [illegible]

2a. [illegible]

2b. [illegible]

4a. OFFICE SYMBOL: [illegible]

7a. ADDRESS: [illegible]

11. TITLE: [illegible]

13a. TYPE OF REPORT: [illegible]

13b. TIME COVERED: [illegible]

14. DATE OF REPORT: [illegible]

16. SUPPLEMENTARY NOTE: [illegible]

17. COSATI CODES: [illegible]

18. SUBJECT TERMS: [illegible]

19. ABSTRACT: [illegible]

20. DISTRIBUTION/AVAILABILITY OF ABSTRACT: [illegible] UNLIMITED.

21. ABSTRACT SECURITY CLASSIFICATION: UNCLASSIFIED

22a. NAME OF RESPONSIBLE INDIVIDUAL: [illegible]

22b. TELEPHONE: 724 [illegible] AUTOVON [illegible]

DD FORM 1473

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[illegible]

[illegible]: UNCLASSIFIED

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REPORT NUMBER: USAFETAC/DS-8[illegible]

[illegible]: OPERATING LOCATION A, USAFETAC

[illegible] NC [illegible]

[illegible] CLIMATIC [illegible] ([illegible]) [illegible]

[illegible]

[illegible]

[illegible] 1. [illegible]: 376

EFFECTIVE 1 JULY 19[illegible], THIS PRODUCT REPLACES THE [illegible] SUMMARY OF SURFACE WEATHER OBSERVATIONS [illegible] (LISPOS). EXISTING [illegible], BUT WILL EVENTUALLY BE REPLACED BY [illegible].

[illegible]

[illegible]Y, [illegible] CLIMATOLOGICAL DATA, [illegible], HUMIDITY, [illegible], PRECIPITATION, [illegible], NEW HAMPSHIRE.

[illegible] CLIMATIC [illegible] PROVIDES STATISTICAL [illegible] OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED [illegible] STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED [illegible]). SUMMARY OF DAY (SOD) INFORMATION IS SUMMARIZED [illegible] CLIMATIC DATABASE.

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[illegible]: UNCLASSIFIED

[illegible]: WILLIAM [illegible]

AUTOVON 597-[illegible] 22C. OFFICE SYMBOL: OL-A/[illegible]A, USAFETAC

[illegible]

[illegible] 1 JULY 198[illegible], TH[illegible] SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS) [illegible] THE [illegible] USAF-ETAC [illegible] ([illegible] SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND [illegible] (LIMITED [illegible] OBSERVATION CLIMATIC SUMMARY). [illegible] EXISTING [illegible] WILL [illegible] USED UNTIL THEY ARE EVENTUALLY [illegible] BY SOCS.

[illegible] PRODUCT HAS BEEN ISSUED IN [illegible]. [illegible] IN THE EARLY 1960'S AS THE "S[illegible]," [illegible] "SU[illegible] SUMMARY." [illegible] "RUSSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," [illegible]. THE [illegible] GRADUALLY EVOLVED INTO THE "[illegible]" AND THE "[illegible]." [illegible] THE [illegible] "[illegible] OBSERVATION CLIMATIC SUMMARY" OR "[illegible]" [illegible].

SOCS (LI[illegible]) [illegible] , AT 28 [illegible]-27[illegible]. [illegible], SOCS [illegible] STATE-OF-THE-ART [illegible] TO SUMMARIZE [illegible] OBSERVATIONS [illegible] MIL[illegible]Y, CIVILIAN, AND FOREIGN [illegible] STATIONS. [illegible], QUALITY-CONTROLLED, [illegible] OBSERVATION DATABASE.

[illegible] PROVIDES [illegible] (---). THE ADDITIONS ARE [illegible] PART OF [illegible], AND [illegible] EXPLANATION [illegible].

CONTENTS

INTRODUCTION

[illegible]

HOURLY OBSERVATIONS: JUL 7[illegible] - [illegible] ([illegible]).

SUMMARY OF DAY DATA: [illegible] - [illegible] ([illegible]).

[illegible] COMPILED: [illegible].

[illegible]

[illegible]:

[illegible]

[illegible] OBSERVATIONS: [illegible]

SUMMARY OF DAY ([illegible]) DATA: [illegible]

[illegible]

[illegible]

[illegible]

[illegible] FREQUENCY ([illegible]) [illegible]

NUMBER OF RECORDS: THE SIZE OF THE OBSERVATIONAL DATA BASE, [illegible].

[illegible]
EQUIVALENT.

[illegible] DEVIATION: [illegible] VARIABILITY [illegible]
[illegible]
[illegible] IN [illegible] ENTRY.

[illegible]
(GMT). [illegible]
[illegible]
[illegible] (GMT):

[illegible]

[illegible] :

[illegible] VISIBILITY

[illegible]

[illegible]

```
-------------------------------------------------------------------------------
STATION NO.            STATION [illegible]                    [illegible]
BY SURVEY
7260            [illegible]
-------------------------------------------------------------------------------
                                      STATION [illegible]
-------------------------------------------------------------------------------
          [illegible]
-------------------------------------------------------------------------------
 1      [illegible]
 2      [illegible]
 3      [illegible]
 4      [illegible]



-------------------------------------------------------------------------------
                        [illegible]
-------------------------------------------------------------------------------
                        [illegible]
-------------------------------------------------------------------------------
 1          [illegible]                              [illegible]-11
 2          7.5[illegible]          15/34
 3          1.[illegible]               15
            .5
            [illegible]                              [illegible]-11
            [illegible]            16
            [illegible]      15/34
 7          1.150015                  15
            2.750[illegible]              35
            1.5
            2.5
```

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LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	

[illegible] AND INSTRUMENT HISTORY

[illegible]			LATITUDE	LONGITUDE	[illegible] FLD (FT)	[illegible] BASE (FT)	[illegible] DAY
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	131	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	177	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] INFORMATION

TYPE OF EQUIPMENT	TYPE OF [illegible]	[illegible] ADVANCE SCHEDULE	REMARKS, ADDITIONAL EQUIPMENT, [illegible]
[illegible]/[illegible]-11	[illegible]	15	
[illegible]	[illegible]	14	
[illegible]	[illegible]	[illegible]	
[illegible]/[illegible]-1	[illegible]	1[illegible]	
[illegible]/[illegible]-11	[illegible]	1[illegible]	
[illegible]	[illegible]	15	
[illegible]	[illegible]	15	
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
[illegible]/[illegible]-[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	13	
[illegible]	[illegible]	22	

A

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN DATA [illegible].

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, [illegible]

LIGHT PRECIPITATION: RAIN OF [illegible] SIZE [illegible]

FREEZING PRECIPITATION: FREEZING RAIN [illegible] SIZE [illegible]

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, [illegible] PELLETS. IN JANUARY 1964, SNOW PELLETS [illegible]

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL [illegible] MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED. IN THE [illegible] THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY [illegible] IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, [illegible]

SMOKE AND/OR HAZE: SMOKE, HAZE, OR [illegible]

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING [illegible]

DUST AND/OR SAND: DUST, SAND, SANDSTORM, DUSTSTORM, [illegible]

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" [illegible] SPRAY, IF ANY, IS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCES OF [illegible] REPORTED IN THE SAME OBSERVATION, THE SUM OF THE [illegible] CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE [illegible]

THESE TABLES GIVE THE PERCENT OCCURRENCE [illegible] (PCT) [illegible] STATE. THE DATA WAS TAKEN FROM DAILY OBSERVATIONS ONLY, [illegible] FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS [illegible]
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

PART A

[illegible] SUMMARIES

ATMOSPHERIC PHENOMENA I. CATEGORY 5 AS FOLLOWS:

[illegible] OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

[illegible] DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

[illegible] SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS [illegible] SMALL HAIL.

HAIL.

[illegible] OBSERVATIONS [illegible] PRECIPITATION. [illegible] CASES [illegible] MAY BE INCLUDED IN THE SAME OBSERVATION. [illegible] INDIVIDUAL CATEGORIES MAY [illegible] THE [illegible]

[illegible]

[illegible] OR [illegible] OF THE TRD.

[illegible] OF THE [illegible], INCLUDING [illegible] SNOW, [illegible]

[illegible]

[illegible] DESCRIBING TO VISIBILITY CATEGORY ACCOUNTS FOR [illegible]

[illegible] THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS [illegible] OBSTRUCTION TO VISION MAY [illegible] [illegible], THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL [illegible] IN THIS CATEGORY.

[illegible] FREQUENCY.

[illegible] FREQUENCY (PCT) FOR THE ATMOSPHERIC PHENOMENA [illegible] ONLY OBSERVATIONS TAKEN, AND IS SUMMARIZED AS

[illegible] TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

[illegible] ALL HOURS COMBINED).

[illegible] ALL HOURS COMBINED).

D

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (OCF).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS [illegible] DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.
THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY [illegible] THE HOURLY OBSERVATION. DATA IS SUMMARIZED [illegible]

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE [illegible]
THESE TABLES INCLUDE SUMMARY OF [illegible] AND [illegible] DIRECTION CATEGORIES ARE AS SPECIFIED BY [illegible]

NOTE 1: SUPPORTING PRACTICES HAVE CHANGED WITH TIME. [illegible] RECORD (ON AND FROM 10/100) AND TRANSMIT ONCE ONLY [illegible] PHENOMENA THAT AFFECT VISIBILITY. [illegible] STATIONS [illegible] JANUARY 1965, BUT SYNOPTIC STATIONS ALWAYS [illegible] STATIONS STARTED RECORDING ALL ATMOSPHERIC [illegible] CONTINUED TO TRANSMIT ONLY THE [illegible] EXAMPLE, [illegible] OBSERVATION INCLUDED RAIN, FOG AND [illegible], ONLY THE [illegible] OF PRECIPITATION, THE USAFETAC DATABASE [illegible] DATE-FIRE, THE RESTRICTION TO VISION (AND [illegible] SUMMARIES FOR ALTAR AND SYNOPTIC STATIONS [illegible]

NOTE 2: [illegible] METAR REPORTING STATIONS [illegible] VISION AND VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF "0.0" IN A DAY SUMMARY [illegible] ASSOCIATED, AMOUNT TO LESS THAN 0.05 PERCENT.

[illegible] FREQUENCY (125).
[illegible] PART A THAT IS PRODUCED FROM SUMMARY OF DAY
[illegible]THLY AND ANNUALLY FOR ALL YEARS COMBINED.

[illegible] FREQUENCY.
[illegible] OCCURRENCE FREQUENCY OF THUNDER-STORMS REPORTED [illegible]
[illegible] IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

[illegible]TION--PRESENT OCCURRENCE FREQUENCY.
[illegible] OF DATA FOR ALL HOURS AND YEARS COMBINED. [illegible]
[illegible]ITION BY THE LOCAL WEATHER STATION.

[illegible] CHANGES WITH TIME. METAR AND SYNOPTIC REPORTING STATI[illegible]
[illegible]) AND TRANSMIT CONDITIONS ONLY FOR HIGHEST PROBE ATMOS-
[illegible] VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN
[illegible] STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1973, METAR
[illegible] ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT
[illegible] HIGHEST PROBE. FOR EXAMPLE, IF THE RECORDED PRES-
[illegible] RATE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF
[illegible] STATIONS ONLY RAIN AS AN OBSTRUCTION.
[illegible] VISIBILITY (AND TO A LESSER EXTENT, PRECIPITATION)
[illegible] STATIONS ARE SIMILARLY WITH RAIN.

[illegible] STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO
[illegible] PROBE METER.

[illegible] SHOWS [illegible] OF ACCURACY THAT, IN
[illegible] REPORT.

OPERATING LOCATION "A"
USAFETAC, SCOTT AFB, IL

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION

STATION NUMBER: 725655 STATION NAME: PEORIA, ILLINOIS
LST TO UTC: + 6

HOURS (LST)	ISTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	[illegible]	[illegible]	[illegible]
00-02		4.2	.3	7.4		12.3	7.6	1.6	.3
03-05		3.4	1.0	[illegible].4		12.[illegible]	[illegible].7	1.[illegible]	.[illegible]
06-08		2.5	1.[illegible]	10.[illegible]		14.[illegible]	13.1	[illegible]	.[illegible]
09-11		3.0	.4	11.7		15.[illegible]	9.1	3.[illegible]	.[illegible]
12-14		[illegible].5	1.[illegible]	12.5		15.7	[illegible].0	[illegible]	.
15-17		[illegible].7	1.2	11.1		15.[illegible]	[illegible].1	1.[illegible]	.[illegible]
18-20		2.2	1.4	8.2		13.[illegible]	[illegible].5	1.7	.[illegible]
21-23		[illegible].[illegible]	1.3	9.[illegible]		14.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]
ALL HOURS		2.7	1.2	8.7		14.7	[illegible].1	1.2	.[illegible]

[illegible]

00-02		7.2	2.0	7.7		15.[illegible]	13.[illegible]	1.2	.5
03-05		[illegible].5	1.4	.4		12.4	14.7	1.[illegible]	.[illegible]
06-08		7.5	1.5	9.0		1[illegible].2	1[illegible]	2.[illegible]	.
09-11		7.7	.7	10.0		13.4	12.1	1.[illegible]	1.[illegible]
12-14		7.1	.5	7.9		15.5	10.2	1.[illegible]	.7
15-17		9.1	.5	3.4		17.[illegible]	15.4	1.[illegible]	.7
18-20	.1	[illegible].4	1.1	7.3		15.7	13.2	.[illegible]	1.[illegible]
21-23		5.9	1.4	7.4		15.[illegible]	12.[illegible]	1.5	.7
ALL HOURS	.0	7.[illegible]	1.2	8.2		17.2	12.[illegible]	1.6	.9

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
[illegible]

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: JAN

ALL PRECIP	FOG	SMOKE, HAZE, FOG	BLOWING SNOW	BLOWING DUST, HAZE, SAND	ALL DUST TO VSB	TOTAL NO. OF OBS
12.3	7.4	1.6	.3		21.4	930
12.[illegible]	[illegible].7	1.[illegible]	.3		23.3	935
14.[illegible]	13.1	1.[illegible]	.[illegible]		27.[illegible]	[illegible]
15.[illegible]	9.1	3.[illegible]	.4		2[illegible].4	332
15.7	[illegible]	[illegible]	.[illegible]		2[illegible].4	[illegible]
15.	[illegible]	1.[illegible]	.4		27.1	[illegible]
13.[illegible]	[illegible]	1.7	.[illegible]		22.7	350
1[illegible].[illegible]	[illegible]	1.[illegible]	.5		24.[illegible]	[illegible]
14.7	[illegible].1	1.2	.5		25.4	7443

MONTH: FEB

1[illegible]	14.[illegible]	1.2	.5	32.6	[illegible]
1[illegible].4	14.7	1.[illegible]	.[illegible]	35.[illegible]	[illegible]
1[illegible].2	1[illegible]	2.4	.[illegible]	37.[illegible]	[illegible]
1[illegible].4	12.1	1.[illegible]	1.3	33.7	[illegible]
1[illegible]	1[illegible].[illegible]	1.[illegible]	.7	27.[illegible]	[illegible]
17.[illegible]	1[illegible].4	1.5	.7	30.5	[illegible]
1[illegible].7	13.2	.[illegible]	1.2	32.[illegible]	[illegible]
15.	12.5	1.3	.7	30.4	349
17.2	12.[illegible]	1.6	.9	32.5	6732

A - 2 - 1

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF HOURS WITH VISIBILITY VARIOUS OF PRECIPITATION

STATION NUMBER: 723080

STATION NAME: [illegible]

LST TO UTC: + 5

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	[illegible]	[illegible]
00-02		12.8	1.3	7.3		12.7	14.5	1.7	.1
03-05	.1	11.5	1.5	5.9		13.[illegible]	15.9	[illegible]	
06-08		11.7	1.1	7.1		19.[illegible]	17.7	[illegible]	
09-11		9.2	.1	7.2		17.2	13.8	[illegible]	
12-14		13.5	.2	5.2		17.1	11.[illegible]	[illegible]	
15-17		11.8	.2	4.2		16.[illegible]	12.7	[illegible]	
18-20	.1	12.2	1.2	5.1		13.[illegible]	14.4	1.7	.1
21-23	.1	12.5	1.1	5.5		13.[illegible]	13.[illegible]	[illegible]	
ALL HOURS	.2	11.7	.3	6.2		15.[illegible]	14.2	2.2	[illegible]

00-02	.1	15.[illegible]	.3	1.2		17.[illegible]	17.8	[illegible]	.[illegible]
03-05		19.1	.1	2.1		21.3	22.4	[illegible]	.7
06-08		16.7		2.7		19.[illegible]	23.2	[illegible]	.[illegible]
09-11	.2	15.1		1.6		15.[illegible]	15.2	[illegible]	.6
12-14	.1	14.5		1.5		15.1	11.2	[illegible]	.3
15-17	.3	15.2		.7		16.5	[illegible]	[illegible]	.
18-20	.2	16.6		1.1		17.7	15.2	[illegible]	.7
21-23	.1	16.5		1.4		13.2	16.[illegible]	[illegible]	.3
ALL HOURS	.1	16.6	.1	1.6		18.2	17.0	[illegible]	.5

[illegible] OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
[illegible] OF OBSERVATIONS

PERIOD OF RECORD: JUL 79 - [illegible]
MONTH: MAR

[illegible]	FOG	SAND/SNOW	BLOWING SNOW	DUST/SAND	ALL DUST TYPES	TOTAL NO. OF OBS
.7	14.5	1.7	.1		36.1	933
.	15.9	2.[illegible]			37.9	933
.[illegible]	17.7	2.9			40.6	[illegible]
.2	13.9	2.6			33.7	932
.1	11.0	2.[illegible]			30.5	937
.[illegible]	12.7	2.[illegible]			3[illegible].9	[illegible]
.2	14.4	1.7	.1		35.2	[illegible]
.[illegible]	13.[illegible]	1.[illegible]			34.1	[illegible]
.[illegible]	14.2	2.2	.[illegible]		34.9	7[illegible]3

MONTH: [illegible]

.	17.[illegible]	2.[illegible]	.[illegible]	41.3	[illegible]
.[illegible]	[illegible].4	1.4	.7	42.7	[illegible]
.[illegible]	25.2	3.[illegible]	.[illegible]	[illegible].3	[illegible]
.[illegible]	17.2	3.[illegible]	.4	3[illegible].1	[illegible]
.1	11.2	2.[illegible]	.3	33.6	[illegible]
.[illegible]	[illegible].2	[illegible].4	.5	29.4	[illegible]
.7	1[illegible].2	2.[illegible]	.7	37.3	[illegible]
.[illegible]	1[illegible]	2.3	.3	39.4	[illegible]
.[illegible]	17.[illegible]	2.7	.5	3[illegible]	7[illegible]

[illegible] - [illegible] - [illegible]

b

OPERATING LOCATION: "A"
USAFETAC, ASH WILL [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible]

HOURS (LST)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02		[illegible]				[illegible]	[illegible]	[illegible]
03-05		[illegible]				[illegible]	[illegible]	[illegible]
06-08		[illegible]				[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]

00-02	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]

JUL 79 - JUN

				DIST		TOTAL
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			41.7	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			32.2	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			35.3	[illegible]
[illegible]	17.[illegible]	[illegible]			[illegible]	[illegible]

6

OPERATIONAL LOCATION "A"

USAFETAC, [illegible]

STATION NUMBER : [illegible]

HOURS (LST)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
03-05	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
06-8	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
09-11	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
12-14	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
15-17	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
18-20	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
21-23	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
ALL HOURS	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	

00-02	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
03-05	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
06-8	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
09-11	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
12-14	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
15-17	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
18-20	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
21-23	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
ALL HOURS	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	

A

[illegible] FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUL [illegible]
MONTH: JUL

[illegible]	ALL PRECIP	FOG	DUST/SAND STORM	BLOWING DUST/SAND	JUST DUST TO VSN	ALL DUST TO VSN	TOTAL OBS
	[illegible].1	24.3	7.[illegible]			39.6	930
	[illegible].3	31.5	[illegible]			43.3	930
	7.5	[illegible]	12.4			43.5	[illegible]
	7.[illegible]	14.5	12.5			35.2	[illegible]
	7.4	7.5	12.[illegible]			27.1	[illegible]
	[illegible].4	[illegible]	12.7			31.5	[illegible]
	11.3	1.1	13.1			32.5	[illegible]
	[illegible]	[illegible]	[illegible]			32.[illegible]	[illegible]
	[illegible]	12.5	11.1			32.1	[illegible]

MONTH: AUG

	[illegible].1	23.[illegible]	7.[illegible]			33.4	[illegible]
	[illegible]	37.[illegible]	5.7			42.7	[illegible]
	[illegible].2	27.[illegible]	[illegible]			40.[illegible]	[illegible]
	[illegible]	15.2	[illegible].2			31.[illegible]	930
	7.5	[illegible].4	10.[illegible]			26.[illegible]	[illegible]
	[illegible].2	[illegible]	11.[illegible]			27.6	[illegible]
	[illegible]	12.4	11.[illegible]			29.[illegible]	[illegible]
	[illegible]	16.6	[illegible]			33.7	930
	[illegible].3	17.5	[illegible].2			34.5	744[illegible]

[illegible] - [illegible] - [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF HOURS WITH VISIBILITY AT
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723255 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	STORM WIND	[illegible]
00-02	.0	3.7				3.7	13.3	2.2	
03-05	.3	10.4				10.4	22.7	4.1	
06-08		13.2				13.2	35.[illegible]	[illegible]	
09-11	.1	7.4				7.4	12.2	4.[illegible]	
12-14		7.1				7.1	[illegible]	3.[illegible]	
15-17		[illegible]				[illegible]	[illegible]	[illegible]	
18-20	.7	[illegible]				3.7	13.7	3.1	
21-23	1.[illegible]	1[illegible].2				13.[illegible]	17.[illegible]	3.7	
ALL HOURS	.3	9.1				9.1	1[illegible].4	4.[illegible]	

[illegible]

00-02	.1	1[illegible].[illegible]		1[illegible]	[illegible]	1.1	
03-05		1[illegible].1		1[illegible].1	[illegible]	1.[illegible]	
06-08		11.[illegible]		11.[illegible]	[illegible]	[illegible]	
09-11		[illegible].4	.2	[illegible]	1[illegible]	[illegible]	
12-14	.3	[illegible].3	.5	13.4	[illegible]	1.7	
15-17	.3	1[illegible].8	.4	11.2	[illegible]	1.[illegible]	
18-20	.4	1[illegible].9	.4	13.[illegible]	13.1	1.[illegible]	
21-23	.1	11.8	.3	11.[illegible]	17.5	1.[illegible]	
ALL HOURS	.2	1[illegible].1	.3	11.[illegible]	1[illegible].7	1.[illegible]	

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: SEP

ALL PRECIP	FOG	SMOKE H/Z HAZE	BLOWING SNOW	DUST S/TR SAND	ALL OBST TO VSB	TOTAL NO. OF OBS
8.7	13.9	2.2		31.8		930
13.4	22.7	4.1		37.2		930
13.2	25.6	5.2		40.1		930
7.4	12.2	4.6		24.2		930
7.1	[illegible]	3.2		13.7		930
[illegible]	[illegible]	[illegible]		22.2		[illegible]
2.7	13.7	3.1		27.4		930
13.2	17.3	3.7		31.7		[illegible]
8.1	15.2	3.2		22.3		7440

MONTH: OCT

13.5	25.8	1.1		31.6		930
13.1	26.2	1.7		35.3		930
11.2	25.2	2.4		42.5		[illegible]
9.4	14.4	3.2		27.4		930
13.4	9.6	1.7		21.7		930
11.2	[illegible]	1.2		26.3		930
13.5	13.1	1.2		27.6		930
11.5	17.6	1.3		30.6		930
11.6	16.7	1.2		29.5		7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PEASE AFB, NH
LST TO UTC: + 5

HOURS (LST)	FOGS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SNOW	[illegible]
00-02		12.7	.7	2.4		15.[illegible]	15.4	1.1	
03-05		12.1	.[illegible]	2.3		16.[illegible]	17.1	1.[illegible]	
06-08		13.4	.1	1.2		15.4	23.[illegible]	[illegible]	
09-11		15.[illegible]	.7	1.7		17.7	17.7	3.[illegible]	
12-14		14.1	.1	1.3		15.[illegible]	13.1	1.[illegible]	
15-17		13.[illegible]		2.9		15.4	12.[illegible]	[illegible].1	
18-20		11.[illegible]	.2	3.3		15.4	13.[illegible]	2.1	
21-23	.1	11.[illegible]	.7	2.2		14.[illegible]	14.[illegible]	1.[illegible]	
ALL HOURS	.[illegible]	13.1	.4	2.3		15.[illegible]	15.[illegible]	1.[illegible]	

JULY

HOURS (LST)	FOGS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SNOW	[illegible]
00-02		7.4	.4	[illegible].7		17.[illegible]	14.1	.3	
03-05		[illegible].[illegible]	.3	[illegible].2		15.[illegible]	14.[illegible]	.[illegible]	
06-08		8.1	1.0	[illegible].[illegible]		15.5	1[illegible].4	1.[illegible]	
09-11		9.[illegible]	.9	3.0		15.4	11.3	2.7	.[illegible]
12-14		4.[illegible]	.5	[illegible].6		14.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]
15-17		[illegible].5	1.0	[illegible].0		15.[illegible]	11.[illegible]	1.[illegible]	
18-23	.1	[illegible].7	1.0	[illegible].5		16.1	13.[illegible]	1.[illegible]	.1
21-23	.[illegible]	[illegible].5	1.2	3.7		16.[illegible]	13.3	.[illegible]	.1
ALL HOURS	.0	[illegible].3	.3	[illegible].9		15.[illegible]	12.[illegible]	1.[illegible]	.1

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: NOV

ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING DUST	DUST &/OR SAND	ALL DUST TO VSB	TOTAL OBS
15.[illegible]	15.4	1.1			32.3	900
15.[illegible]	17.1	1.[illegible]			33.7	900
15.4	2[illegible].[illegible]	2.2			3[illegible].4	[illegible]
17.7	17.7	3.[illegible]			3[illegible].3	900
15.[illegible]	13.1	1.[illegible]			30.[illegible]	900
15.4	12.3	2.1			30.9	[illegible]
15.4	13.[illegible]	2.1			31.3	900
14.[illegible]	14.[illegible]	1.3			30.9	[illegible]
16.[illegible]	15.[illegible]	1.2			33.3	7[illegible]

MONTH: DEC

17.[illegible]	14.1	.3		31.9	930
15.[illegible]	14.[illegible]	.[illegible]		31.8	930
[illegible]	1[illegible].4	1.2		32.2	93[illegible]
15.4	11.3	2.7	.2	29.6	930
14.[illegible]	[illegible]	1.[illegible]	.3	24.9	930
15.[illegible]	11.[illegible]	1.3		2[illegible].7	931
14.1	13.9	1.3	.1	31.4	930
14.3	13.3	.3	.1	30.5	930
15.[illegible]	12.9	1.2	.1	30.1	7440

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PH
USAFETAC, ASHEVILLE NC — FOR MONTHLY 1ST OBSERVATIONS

STATION NUMBER: 723065 — STATION NAME: DEAGL AFB FL — PERIOD OF RECORD: 1
LST IS UTC: + 5

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE HAZE	BLOWING SNOW
JAN		3.7	1.2	9.7		14.7	[illegible]	2.2	.0
FEB	.2	7.1	1.2	9.2		17.2	12.3	1.[illegible]	.[illegible]
MAR	.1	11.5	.9	5.2		15.8	14.2	2.7	.1
APR	.1	10.5	.1	1.5		12.[illegible]	17.2	2.7	.[illegible]
MAY	.4	14.5				14.[illegible]	19.[illegible]	[illegible]	
JUN	1.[illegible]	17.3				12.3	17.[illegible]	[illegible]	
JUL	1.5	[illegible]				[illegible]	13.4	11.1	
AUG	.7	.3				[illegible]	17.5	[illegible]	
SEP	.3	[illegible].1				[illegible].1	15.[illegible]	[illegible]	
OCT	.2	12.[illegible]		.3		11.0	16.7	1.2	
NOV	.2	13.1	.4	2.2		15.[illegible]	15.[illegible]	1.[illegible]	
DEC	.2	[illegible].3	.1	[illegible].1		15.[illegible]	12.[illegible]	1.[illegible]	.1
ANNUAL	.4	10.2	.4	3.1		13.5	15.5	[illegible]	.2

FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 70 - JUN 74
HOURS: ALL

ALL PRECIP	FOG	SMOKE HAZE	BLOWING SNOW	DUST SAND	ALL DUST TO VSN	TOTAL NO. OF OBS
14.7	5.1	2.2	.0		25.4	7443
17.2	12.3	1.0	.2		32.5	6722
15.5	14.2	2.2	.3		34.9	7443
15.[illegible]	17.2	2.7	.5		36.4	7230
14.5	18.8	2.8			35.0	7443
12.3	17.[illegible]	3.3			35.0	71[illegible]
[illegible]	13.4	11.1			33.1	7443
[illegible]	17.5	4.2			36.4	744[illegible]
9.1	15.[illegible]	4.3			29.3	72[illegible]
11.0	16.7	1.2			29.5	7443
15.[illegible]	15.[illegible]	1.0			33.2	72[illegible]
15.[illegible]	12.[illegible]	1.[illegible]	.1		33.1	744[illegible]
13.[illegible]	15.5	3.3	.2		33.1	67667

OPERATING LOCATION: [illegible] PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHE
USAFETAC, ASHEVILLE, NC FROM SUMMARY OF DAY DATA

STATION NUMBER: 72305 STATION NAME: [illegible]
LST TO UTC: +05

MONTH	TSTMS	LIQUID PRECIP	FREZG PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SNOW [illegible]
JAN	.0	23.4	7.5	40.5	.1	43.3	34.2	15.0
FEB	.1	23.4	5.5	38.2		49.5	34.9	15.3
MAR	1.0	33.0	4.2	30.7	.2	50.3	44.3	15.2
APR	3.5	51.4	.5	13.1	.2	53.3	42.2	15.0
MAY	6.8	52.0		.3	.2	52.0	40.2	21.7
JUN	13.2	37.3			.4	53.3	31.3	3.7
JUL	16.5	46.1			.7	46.1	31.2	45.2
AUG	11.2	44.5			.4	44.5	33.2	44.1
SEP	6.4	41.2			.1	41.2	[illegible]	[illegible]
OCT	2.2	39.5		1.1		39.8	40.3	22.4
NOV	1.2	42.2	2.1	15.1		52.0	41.5	17.3
DEC	.4	31.2	5.5	33.4		54.5	43.3	15.4
ANNUAL	5.4	42.5	2.4	14.3	.2	47.3	44.7	24.7

JENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

ASTON

PERIOD OF RECORD: 5604-3006
MONTH: ALL HOURS: ALL

MATE	ALL PRECIP	FOG	SMOKE S/OR HAZE	BLOWING SNOW	DUST S/OR SAND	ALL DUST TO WSB	TOTAL NO. OF OBS
.1	49.9	38.5	15.6	4.5		55.4	1022
	49.5	34.4	15.8	5.0		54.7	932
.2	50.9	40.3	16.2	2.4		57.2	1023
.2	53.3	42.2	15.0	.4		60.5	1012
.2	52.0	40.5	21.5			62.0	1054
.4	50.9	31.5	36.2			[illegible]	1020
.7	45.1	31.4	43.2			63.5	1023
.4	44.5	32.3	44.2			67.9	1023
.1	41.2	[illegible]	33.4			61.9	990
	39.5	40.3	22.4			57.[illegible]	1023
	52.0	45.5	17.2	.3		58.[illegible]	990
	54.5	40.2	13.4	3.0		51.[illegible]	1023
.2	47.[illegible]	44.7	24.7	1.3		51.5	12135

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible] OBSERVATIONS

STATION NUMBER: 725155 STATION NAME: PEASE AFB NH [illegible]
LST TO UTC: + 5

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
00-02				.1		1.[illegible]	1.[illegible]	.[illegible]	.
03-05			.1			1.0	.[illegible]	.[illegible]	.[illegible]
06-08						.1	.1	.1	
09-11				.2	.1	.[illegible]	.1	.1	.[illegible]
12-14				.1	.3	.[illegible]	.[illegible]	.	
15-17				.3	.[illegible]	1.[illegible]	3.4	[illegible]	
18-20		.1	.1	.2	1.0	1.[illegible]	[illegible].1	1.[illegible]	.[illegible]
21-23			.1	.1	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]
ALL HOURS		.[illegible]	.[illegible]	.1	.4	1.2	1.[illegible]	.	.[illegible]
TOTAL OBS	744[illegible]	672[illegible]	744[illegible]	72[illegible]	74[illegible]	71[illegible]	74[illegible]	74[illegible]	72[illegible]

RELATIVE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]

	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	1.[illegible]	1.[illegible]	.5	.[illegible]	.1		
	1.[illegible]	.[illegible]	.[illegible]	.3			
	.1	.1	.1				
1	.[illegible]	.1	.1	.1			
[illegible]	.[illegible]	.[illegible]	.[illegible]		.3		
[illegible]	1.[illegible]	3.4	2.[illegible]		.3		
[illegible]	1.[illegible]	[illegible].1	1.[illegible]	.7	.[illegible]		.1
[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.1	.1	.2
[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.2	.[illegible]	.
[illegible]	71[illegible]	74[illegible]	74[illegible]	72[illegible]	74[illegible]	72[illegible]	74[illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE, NC VERSUS WIND DIRECTION [illegible]

STATION [illegible] STATION NAME: [illegible]
EST TO UTC: + [illegible]

PHENOMENA	CALM	VARIABLE	350 - 010	011 - 170	171 - [illegible]	271 - [illegible]
TSTMS						
LIQUID PRECIP	13.3		17.7	15.1	17.[illegible]	[illegible]
FREEZING PRECIP	1[illegible].4		47.3	[illegible]	[illegible]	[illegible]
FROZEN PRECIP	[illegible]		41.3	[illegible]	[illegible]	[illegible]
FOG	1[illegible].7		2[illegible].7	1[illegible]	1[illegible]	[illegible]
FOG WITH VIS OF 1/2 MILES	3[illegible].7		21.3	1[illegible].1	[illegible]	[illegible]
TOTAL OBS	1372	0	31[illegible]	[illegible]	1[illegible]	[illegible]

[illegible]

TSTMS			1[illegible].3			
LIQUID PRECIP	1[illegible]		37.3	2[illegible].2	[illegible]	[illegible]
FREEZING PRECIP	1[illegible].3		5[illegible].3	[illegible]		[illegible]
FROZEN PRECIP	1[illegible].3		44.3	7.7	[illegible]	[illegible]
FOG	2[illegible].5		35.1	1[illegible].2	[illegible]	[illegible]
FOG WITH VIS OF 1/2 MILES	1[illegible].7		37.2	1[illegible].4	[illegible]	[illegible]
TOTAL OBS	[illegible]91	0	1113	542	1[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]	[illegible] - 179	[illegible] - [illegible]	270 - 359	[illegible]	[illegible]
[illegible]	22.1	17.[illegible]	22.2		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	5.0	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	22.2		[illegible]
[illegible]	13.1	[illegible]	22.[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	19.3		[illegible]
[illegible]		[illegible]		[illegible]
[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	17.[illegible]		[illegible]
[illegible]	1322	[illegible]	[illegible]	[illegible]

[illegible]

OPERATING LOCATION [illegible]
USAFETAC, [illegible] VIEW, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY [illegible]
[illegible] WIND DIRECTION [illegible] VARIABLE

STATION [illegible]: [illegible]

STATION NAME: [illegible]
LST TO UTC: [illegible]

[illegible]

PHENOMENA	[illegible]	VARIABLE	350 - 020	080 - 170	[illegible] - [illegible]	[illegible] -
TSTMS			33.3		[illegible]	[illegible]
LIGHT PRECIP	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
FREEZING PRECIP	[illegible]		[illegible]	[illegible]		[illegible]
FREEZING PRECIP	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
FOG	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
FOG WITH VIS [illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	0	1425	[illegible]	[illegible]	[illegible]

[illegible]

TSTMS			[illegible]	[illegible]	[illegible]	[illegible]
LIGHT PRECIP	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
FREEZING PRECIP				[illegible]		
FREEZING PRECIP	1.7		[illegible]	[illegible]		[illegible]
FOG	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
FOG WITH VIS [illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	0	1532	[illegible]	[illegible]	[illegible]

[illegible]

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[illegible]CY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
[illegible]NCTION OF FREQUENCY [illegible] VARIANS

[illegible] PERIOD OF RECORD: JUL 79 - JU[illegible]
MONTH: [illegible] HOURS: ALL

[illegible]	090 - 179	180 - 269	270 - 359	[illegible]	[illegible] OF OBS
[illegible]		[illegible]	33.3		[illegible]
[illegible]	[illegible]	7.1	16.3		392
[illegible]	[illegible]		15.9		[illegible]
[illegible]	11.9	4.2	23.6		474
[illegible]	17.2	[illegible]	14.7		[illegible]
[illegible]	[illegible]	[illegible]	13.2		[illegible]
[illegible]	992	11.1	2343	[illegible]	7[illegible]

MONTH: [illegible] HOURS: ALL

[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	14.1		[illegible]
	[illegible]				[illegible]
[illegible]	[illegible]		47.1		[illegible]
[illegible]	21.3	[illegible]	[illegible]		1215
[illegible]	21.2	[illegible]	[illegible]		1114
[illegible]	[illegible]	1152	2093	0	72[illegible]

OPERATING LOCATION MAP PERCENTAGE FREQUENCY OF OCCURRENCE OF ATMOSPHERIC
USAARETAC, ASHEVILLE NC VERSUS WIND DIRECTION - [illegible]

STATION NUMBER: 72306 STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

PHENOMENA	CALM	VARIABLE	350 - 029	030 - 179	180 - [illegible]	270 -
TSTMS	3.7		11.1	37.0	[illegible]	[illegible]
LIQUID PRECIP	3.7		53.[illegible]	19.[illegible]	[illegible]	[illegible]
FREEZING PRECIP						
FROZEN PRECIP						
FOG	17.1		43.[illegible]	[illegible]	[illegible]	[illegible]
FOG WITH VIS OF 1/2 MILES	25.7		46.[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	1132	[illegible]	1625	1[illegible]	1[illegible]	1[illegible]

[illegible]

TSTMS	11.[illegible]		15.3	[illegible]	[illegible]	13.
LIQUID PRECIP	3.4		[illegible]	[illegible]	7.	13.
FREEZING PRECIP						
FROZEN PRECIP						
FOG	20.6		35.[illegible]	23.[illegible]	15.[illegible]	7.
FOG WITH VIS OF 1/2 MILES	19.1		39.[illegible]	21.3	15.4	7.
TOTAL OBS	1912	0	991	1452	1[illegible]	[illegible]

A - [illegible] - [illegible]

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FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: MAY HOURS: ALL

[illegible] - 359	090 - 179	180 - 269	270 - 359		NO. OF OBS
11.1	37.0	15.5	29.6		27
[illegible]	13.2	2.9	2.7		1072
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	22.7	[illegible]	[illegible]		[illegible]
[illegible]	22.2	[illegible]	[illegible]		1196
[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]

MONTH: JUN HOURS: ALL

[illegible]	24.1	23.3	19.1		[illegible]
[illegible]	[illegible]	[illegible]	11.8		[illegible]
[illegible]	20.6	16.3	7.5		1274
[illegible]	21.3	15.4	7.3		1175
[illegible]	1452	1655	2035	0	7195

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF METEOROLOGIC
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION, FROM [illegible]

STATION NUMBER: 725256 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 179	180 - 269	270 -
TSTMS	11.6		14.3	19.5	21.3	[illegible]
LIQUID PRECIP	11.6		33.0	25.[illegible]	15.7	[illegible]
FREEZING PRECIP						
FROZEN PRECIP						
FOG	27.5		19.3	[illegible]	[illegible]	[illegible]
FOG WITH VIS GE 1/2 MILES	24.7		19.[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	1253	0	587	161	2097	[illegible]

MONTH: [illegible]

TSTMS	.7		24.[illegible]	[illegible]	27.5	[illegible]
LIQUID PRECIP	[illegible]		42.4	[illegible]	[illegible]	[illegible]
FREEZING PRECIP						
FROZEN PRECIP						
FOG	20.1		25.6	20.2	[illegible]	11.[illegible]
FOG WITH VIS GE 1/2 MILES	15.7		26.0	20.3	24.1	11.[illegible]
TOTAL OBS	1300	0	539	1491	[illegible]	[illegible]

[illegible]QUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
[illegible]ECTION FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUL HOURS: ALL

[illegible]	090 - 179	180 - 269	270 - 359		NO. OF OBS
[illegible]	19.6	41.3	23.2		112
[illegible]	25.[illegible]	15.7	13.0		579
[illegible]	[illegible].7	1[illegible].[illegible]	[illegible].9		1427
[illegible]	[illegible].3	[illegible].[illegible]	1[illegible].1		1[illegible]
[illegible]	1[illegible]	2[illegible]7	2[illegible]	0	7440

MONTH: AUG HOURS: ALL

[illegible]	[illegible].4	27.[illegible]	8.7		[illegible]
[illegible]	[illegible].[illegible]	1[illegible].[illegible]	[illegible].5		[illegible]
[illegible]	2[illegible].2	23.[illegible]	11.1		127[illegible]
[illegible]	2[illegible].3	24.1	11.0		1[illegible]
[illegible]	1471	1896	1914	0	7440

OPERATING LOCATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725266 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PHENOMENA	CALM	VARIABLE	360 - 022	023 - 179	180 - 269	270 - 3
TSTMS	12.5		50.0	14.[illegible]	12.	1[illegible]
LIQUID PRECIP	10.2		40.1	15.7	12.[illegible]	10.[illegible]
FREEZING PRECIP						
FROZEN PRECIP						
FOG	23.[illegible]		39.1	17.7	1[illegible]	[illegible]
FOG WITH VIS OF 1/2 MILES	20.7		33.3	17.[illegible]	1[illegible]	[illegible]
TOTAL OBS	1317	0	945	1075	[illegible]	[illegible]

TSTMS			29.5	50.0	7.1	1[illegible]
LIQUID PRECIP	13.[illegible]		39.0	21.7	9.[illegible]	1[illegible]
FREEZING PRECIP						
FROZEN PRECIP			50.0	[illegible]		3[illegible]
FOG	25.2		24.7	20.4	14.3	14.
FOG WITH VIS OF 1/2 MILES	22.3		27.3	19.2	14.[illegible]	1[illegible]
TOTAL OBS	1241	0	1[illegible]	935	1[illegible]	2[illegible]

NCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
IRECTION FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 80
MONTH: SEP HOURS: ALL

	090 - 179	180 - 269	270 - 359		NO. OF OBS
	12.5	12.5	12.5		24
	13.7	12.3	13.5		657
	17.7	15.0	5.7		1139
	17.4	15.0	5.3		1340
	1375	1330	1294	2	7239

MONTH: OCT HOURS: ALL

	10.0	7.1	14.3	14
	11.7	9.0	15.4	[illegible]
	5.0		35.0	20
	20.4	14.3	14.9	1241
	17.2	14.0	15.7	1255
	235	1530	2473	3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH:

PHENOMENA	CALM	VARIABLE	360 - 039	040 - 179	180 - [illegible]	270 - [illegible]
TSTMS			100.0			
LIQUID PRECIP	7.2		37.4	25.2	12.6	17.
FREEZING PRECIP			41.5	5.7		14.
FROZEN PRECIP	11.7		59.1	1.[illegible]	2.[illegible]	25.
FOG	13.3		29.2	26.8	15.[illegible]	14.
FOG WITH VIS OF 1/2 MILES	15.[illegible]		30.3	26.[illegible]	15.[illegible]	14.
TOTAL OBS	73[illegible]	0	1044	723	171[illegible]	2[illegible]

MONTH: [illegible]

TSTMS				100.0		
LIQUID PRECIP	12.9		53.5	26.[illegible]	11.[illegible]	1[illegible]
FREEZING PRECIP	31.5		29.0	1.5		3[illegible]
FROZEN PRECIP	19.7		39.7	9.5	11.7	3[illegible]
FOG	30.3		20.5	13.5	15.5	1[illegible]
FOG WITH VIS OF 1/2 MILES	28.1		21.7	13.8	15.[illegible]	1[illegible]
TOTAL OBS	1076	0	371	332	1937	31[illegible]

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NCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
ISTIC FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUL [illegible]
MONTH: NOV HOURS: ALL

[illegible]	090 - 179	180 - 269	270 - 359		NO. OF OBS
					1
	25.2	12.4	17.[illegible]		979
	3.7		14.[illegible]		27
	1.[illegible]	2.[illegible]	24.3		171
	25.3	15.[illegible]	14.2		11[illegible]
	23.3	15.3	14.[illegible]		1[illegible]
	72[illegible]	171[illegible]	2[illegible]	0	72[illegible]

MONTH: DEC HOURS: ALL

	100.0				[illegible]
	[illegible]	11.[illegible]	1[illegible].4		[illegible]
	1.5		3[illegible].7		[illegible]
	[illegible]	11.7	32.4		675
	13.5	15.[illegible]	17.0		954
	15.[illegible]	15.[illegible]	18.5		[illegible]
	33[illegible]	1[illegible]7	3164	0	7440

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION FOR [illegible] IN [illegible]

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTHS:

PHENOMENA	CALM	VARIABLE	350 - 022	023 - 173	1[illegible] - [illegible]	273 -
ISTMS	2.4		25.6	27.1	24.[illegible]	1[illegible]
LIQUID PRECIP	2.3		43.5	22.4	1[illegible]	13.7
FREEZING PRECIP	1[illegible]		50.9	[illegible]	.[illegible]	2[illegible]
FROZEN PRECIP	10.2		44.5	7.[illegible]	[illegible]	31.
FOG	21.1		21.7	2[illegible]	1[illegible]	1[illegible]
FOG WITH VIS OF 1/2 MILES	1[illegible]		35.2	[illegible]	1[illegible]	1[illegible]
TOTAL OBS	13[illegible]24	0	12712	12[illegible]73	12741	[illegible]

QY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
ECTED FROM HOURLY OBSERVATIONS

SPOKANE PERIOD OF RECORD: JUL 79 - JUN 83
MONTHS: ALL

90 - 179	180 - 269	270 - 359		NO. OF OBS
27.1	24.3	13.6		[illegible]
23.4	13.0	13.7		9013
[illegible]	.0	24.0		[illegible]
7.2	6.4	31.5		2296
[illegible]	14.[illegible]	12.[illegible]		1343[illegible]
[illegible]	1[illegible].2	12.4		1[illegible]43
12[illegible]73	13741	2[illegible]31[illegible]	0	27[illegible]

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- 1 - 1

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- 1 - 1

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART [illegible] ARE CONTAINED IN SUMMARY [illegible] (CD)

PERCENT OCCURRENCE FREQUENCY.
THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH A PERCENT OF DAYS WITH AN AMOUNT, PERCENT OF DAYS WITH A PERCENT OF DAYS WITH SPECIFIED AMOUNTS. [illegible] SNOW COUNT. A VALUE OF ".00" INDICATES [illegible] AMOUNT IS LESS THAN .05 PERCENT.

MONTHLY TOTALS.
THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL AND ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES INCLUDE, LAST MONTHS, LAST YEARS, [illegible] STATISTICS AND MONTHLY MS. AN AST SIGN (*) INDICATES [illegible] THAN 50% OF THE DATA ARE AVAILABLE. [illegible] MISSING AND/OR INCOMPLETE MONTHS. [illegible] STATISTICAL COMPUTATIONS. [illegible] MONTHS/YEARS ONLY. ".00" MEANS [illegible] PRECIPITATION OR SNOWFALL WAS [illegible] DATA.

DAILY EXTREMES.
THESE TABLES GIVE THE MAXIMUM DAILY PRECIPITATION (OR MONTH) FOR PRECIPITATION, SNOWFALL, [illegible] THE GREAT OF AMOUNTS [illegible] TOTAL [illegible] MONTHS [illegible] DAILY [illegible]. [illegible] (*) [illegible] LESS THAN 50% OF THE DATA ARE AVAILABLE. [illegible] MISSING AND/OR INCOMPLETE MONTHS. ".00" [illegible] ".00" MEANS [illegible] SNOWFALL [illegible] MONTH, [illegible]

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE.
THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCE [illegible] REPORTED FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. SNOW-YEAR IS CONSIDERED TO BE AUG. 1 AUGUST TO 31 JULY. THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST COLUMN GIVES THE DATE 10/10A (OR EQUIVALENT) [illegible] AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL [illegible] ENTRY IN COLUMN 5A THAN ".00" OR "TRACE" [illegible] MEASURABLE SNOWFALL. FINALLY, THE 12D [illegible] (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) MONTH [illegible] SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY [illegible] SNOWFALL OCCURS DURING THE DIV [illegible].

TIES, SNOWFALL, SNOW DEPTH SUMMARIES

DERIVED FROM SUMMARY OF DAY (SOD) DATA.

DAILY.

PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION.
DATA IS SUMMARIZED FOR ALL YEARS
INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS,
AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT
AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION
".0" INDICATES THE SAME OCCURRENCES THAT, IN AGGREGATE,
PERCENT.

TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.
MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST
DAY, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE
ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS
AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH NO
INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED
TOTALS. OTHER LEAST AMOUNTS ARE DERIVED FROM COMPLETE
".0" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS
DEPTH.

MAXIMUM DAILY RECORDED AMOUNTS (BY INDIVIDUAL YEAR-
TIONS, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY GIVE
DATE AND THE TOTAL NUMBER OF AVAILABLE OBS-
DAILY DATA. AN ASTERISK (*) INDICATES A MONTH FOR WHICH
DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH NO
INCOMPLETE MONTHS. ".0" MEANS NO PRECIPITATION FOR THE MONTH,
FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

FIRST AND LAST DAYS OF OCCURRENCE FOR EACH SNOW YEAR.
FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW
WITHIN THE PERIOD OF RECORD. FOR THIS SUMMARY, THE
IS FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE
BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN
10/100 (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE
(OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST)
THE ".0" OR "TRACE" PRECEDES THE FIRST (OR LAST)
FINALLY, THE 1200 GMT DAILY COLUMN TO THE AIS FORM 10/100
THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST
THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED
DURING THE GIVEN MO.

NOTE 1. IF THE MINIMUM AMOUNT [illegible] DAILY DATA [illegible] IS A TRACE, THE [illegible] WILL [illegible] IN THE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS IN THE STATISTICAL HISTORY [illegible] AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY [illegible] ERVATIONS MIGHT IMPLY MISSING DATA [illegible] EQUIPMENT [illegible] MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE [illegible] CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS [illegible], THE LAST [illegible] GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL [illegible] IN THE [illegible] INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL

AIR FORCE		NAVY AND NATIONAL WEAT
THROUGH 1945:	0700 LST	THROUGH JUN 1952:
JAN 1946 TO MAY 1957:	1230 LST	JUL 1952 TO MAY 1957:
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:

CONVERSIONS:

- 1 INCH = 25.39999 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY
THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE

STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE
THS ARE AVAILABLE.

COUNTS IN THE STATION HISTORY MIGHT PROVIDE CLUES
IS ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBS-
Y MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT
SING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS

MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE
ESENT THE PERIOD OF RECORD.

1952, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY

TIME TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

	NAVY AND NATIONAL WEATHER SERVICE	
[illegible] LST	THROUGH JUN 1952:	0030 GMT
[illegible] LST	JUL 1952 THRU MAY 1957:	1230 GMT
[illegible] GMT	JUN 1957 TO PRESENT:	1100 GMT

MILLIMETERS

[illegible]

OPERATING LOCATION: [illegible] PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE [illegible] FROM SUMMARY OF [illegible] DATA

STATION NUMBER: 726055 STATION NAME: [illegible] AFB NH
LST TZ UTC: +05

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
NONE	49.2	49.6	43.5	45.1	46.9	47.0	43.3	54.[illegible]
TRACE	15.6	15.9	15.1	16.2	16.0	16.3	14.4	13.7
.01	3.2	3.3	3.3	3.6	2.3	2.7	3.[illegible]	4.4
.02-.05	7.7	7.4	5.5	5.8	6.3	6.4	5.[illegible]	5.[illegible]
.06-.10	3.8	4.4	5.3	5.3	4.9	5.7	4.[illegible]	4.5
.11-.25	6.4	5.9	5.8	5.1	6.7	5.[illegible]	7.1	7.[illegible]
.26-.50	4.9	5.5	5.5	7.1	5.1	7.4	5.[illegible]	4.[illegible]
.51-1.00	4.6	4.4	5.3	3.4	4.2	5.3	4.[illegible]	2.[illegible]
1.01-2.00	2.9	3.2	2.6	3.4	2.7	1.[illegible]	2.[illegible]	1.[illegible]
2.01-5.00	.3	.2	.1	.3	.2	.1	.1	.[illegible]
5.01-10.00								
10.01-[illegible]								
OVER 20.00								
DAYS WITH MEAS AMTS	35.2	34.3	36.5	34.7	37.1	35.2	[illegible]	31.[illegible]
TOTAL NO. OF OBSERVATIONS	1025	932	1023	1012	1054	1020	1023	1[illegible]

A

FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM STANDARD HOUR DATA

AREA NA

PERIOD OF RECORD: 5504-5506
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
.1	45.9	47.0	53.3	54.5	57.7	58.9	47.5	44.8	50.4
.2	15.0	16.3	14.4	13.7	13.6	12.5	14.4	16.[illegible]	15.1
.5	2.3	2.5	3.5	3.4	2.0	2.6	3.3	2.3	3.0
.0	4.0	5.8	5.0	5.5	5.9	5.0	5.3	4.9	5.5
.3	4.9	5.7	4.2	4.5	3.2	2.9	3.5	4.0	4.7
.1	5.9	5.3	7.1	7.0	4.5	5.6	7.0	7.1	6.0
.1	5.1	7.4	5.5	4.9	4.3	4.3	7.0	5.7	5.0
.5	4.2	5.0	4.3	2.3	4.2	4.6	5.2	5.1	4.5
.4	2.7	1.9	2.5	2.0	2.3	2.5	3.5	2.4	2.5
.3	.2	.1	.1	.2	.5	.3	.7	.2	.3
						.1			.0
.7	37.1	35.2	32.4	31.5	25.7	25.5	31.1	[illegible]	34.6
912	1024	1023	1023	1023	990	1023	990	1023	12136

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS (
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726066 STATION NAME: PLASH AFB MA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
56				5.64*	5.02	3.30	2.79	1.43	.
57	2.53	1.13	1.43	2.17	3.01	.30	1.44	1.39	1.
58	12.25	4.02	3.93	4.55	2.33	1.[illegible]	4.42	3.06	.
59	3.02	3.74	4.93	2.96	1.25	4.24	[illegible]	4.47	1.
60	3.49	5.31	3.07	3.60	5.64	.02	4.77	1.44	.
61	3.14	4.05	2.59	7.72	2.49	2.57	3.94	[illegible]	.
62	2.32	4.36	2.32	3.33	2.73	3.16	2.57	2.7[illegible]	.
63	4.31	2.[illegible]	3.[illegible]4	1.52	4.04	1.53	2.[illegible]2	2.53	.
64	5.12	3.69	4.41	3.55	1.01	.94	3.15	2.[illegible]	1.
65	2.[illegible]3	5.27	1.75	2.11	1.27	2.97	1.74	2.[illegible]	.
66	5.32	3.72	2.[illegible]0	1.05	3.43	2.4[illegible]	3.43	1.7[illegible]	.
67	1.32	3.52	2.[illegible]	3.35	5.52	4.0[illegible]	4.1[illegible]	2.1[illegible]	.
68	3.11	1.04	5.75	2.45	4.07	4.39	.2[illegible]	1.42	1.
69	3.31	5.37	2.75	2.17	1.29	2.23	4.37	2.50	.
70	.[illegible]	4.52	4.09	3.[illegible]	2.45	5.37	1.32	3.24	.
71	1.[illegible]1	3.[illegible]	2.35	1.[illegible]	5.74	2.21	2.75	2.49	.
72	1.[illegible]	4.[illegible]	5.17	3.13	5.15	5.[illegible]	3.[illegible]	1.11	.
73	2.[illegible]	1.45	3.5[illegible]	11.11	5.3[illegible]	2.65	4.3[illegible]	4.1[illegible]	1.
74	3.74	2.36	3.41	4.36	4.97	2.13	.72	1.37	.
75	4.24	3.[illegible]	3.45	2.39	1.59	4.35	3.[illegible]	7.21	.
76	3.[illegible]7	2.57	2.61	2.91	3.49	.54	3.[illegible]	4.71	.
77	4.[illegible]	2.72	5.7[illegible]	3.33	2.52	3.11	1.29	2.29	.
78	.67	.67	2.37	3.40	5.56	4.23	1.52	2.15	.
79	12.11	2.75	3.46	3.73	4.57	1.39	3.29	4.5[illegible]	3.
80	.44	1.93	4.85	5.02	1.[illegible]	4.02	2.[illegible]	2.79	1.
81	.[illegible]3	3.43	1.03	3.34	1.31	3.34	3.[illegible]	1.7[illegible]	.
82	4.[illegible]	2.44	2.35	3.56	2.20	3.40	3.[illegible]	1.71	.
83	4.54	3.37	10.19	7.15	5.94	2.35	4.3[illegible]	2.71	1.
84	3.39	5.35	3.9[illegible]	5.57	9.31	2.72	3.3[illegible]	2.49	.
85	.[illegible]3	1.51	3.1[illegible]	1.34	3.03	2.39	3.31	3.[illegible]2	.
86	4.31	1.24	2.34	2.92	1.37	5.54	4.[illegible]	2.17	.
87	5.03	.02	3.34	7.59	1.57	4.31	2.34	1.[illegible]	.
88	1.6[illegible]	3.54	2.74	3.55	4.93	1.41	7.51	5.5[illegible]	2.
89	.70	2.33	2.57	3.29	4.17	4.29			

3 - 2 - 21

A

TAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

[illegible] NM

PERIOD OF RECORD: 5604-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible].32	3.33	2.73	1.49	3.22	4.99	3.43	4.35	34.39*
3.01	.82	1.44	1.39	1.11	2.77	5.12	3.15	27.69
2.33	1.55	4.63	5.06	5.13	3.35	3.74	1.42	50.73
1.25	[illegible].74	[illegible].05	3.47	1.84	6.41	4.25	6.27	49.44
[illegible].64	.92	4.77	1.34	3.10	2.57	3.11	3.70	45.58
2.93	2.57	3.99	1.30	5.45	2.34	5.00	3.53	46.75
2.74	3.15	2.57	2.72	3.11	12.10	3.63	5.[illegible]	48.33
4.94	1.53	2.52	2.52	4.54	1.40	12.35	2.1[illegible]	43.71
1.31	.94	3.15	2.[illegible]	1.25	3.27	4.09	3.[illegible]	35.45
1.27	2.97	1.[illegible]	3.[illegible]	2.37	3.13	2.94	1.72	31.75
3.43	2.4[illegible]	3.43	1.75	3.4[illegible]	3.32	3.54	3.15	46.73
5.53	4.[illegible]	4.15	2.13	3.53	.37	2.30	5.37	40.63
4.27	4.39	.[illegible]	1.43	1.76	2.77	3.43	7.51	45.31
1.29	2.[illegible]	4.[illegible]7	2.[illegible]	4.23	1.36	3.13	10.[illegible]	42.23
2.45	3.37	1.32	3.24	3.53	4.61	2.55	4.72	40.56
3.74	2.21	2.75	2.49	2.7[illegible]	3.1[illegible]	5.21	3.[illegible]	3[illegible].39
3.15	3.75	3.92	1.11	5.29	4.75	3.45	5.37	37.34
3.[illegible]	2.53	4.3[illegible]	4.15	1.72	2.53	2.70	3.[illegible]	50.55
4.37	3.13	.72	1.53	5.24	2.32	3.97	4.[illegible]	41.27
1.[illegible]	4.35	3.[illegible]	7.21	5.32	5.45	5.13	5.[illegible]	51.44
3.33	.[illegible]4	3.[illegible]	4.71	2.52	4.74	.[illegible]4	2.[illegible]	35.33
2.52	3.11	1.29	2.29	4.40	7.27	5.34	5.[illegible]	50.0[illegible]
5.55	4.23	1.[illegible]	2.15	.13	3.40	2.13	3.53	37.21
4.57	1.53	3.[illegible]	4.5[illegible]	3.13	4.32	3.41	1.[illegible]	49.92
1.[illegible]	4.02	2.[illegible]	2.[illegible]	1.59	4.05	3.[illegible]	.[illegible]2	33.27
1.31	3.34	3.[illegible]	1.75	3.33	4.35	3.5[illegible]	[illegible].19	44.11
2.25	3.[illegible]	3.[illegible]	1.71	2.21	2.12	3.71	.[illegible]	3[illegible].29
[illegible].44	2.35	4.3[illegible]	2.71	1.37	3.09	13.71	7.5[illegible]	56.95
3.31	2.7[illegible]	3.35	2.49	.42	3.47	3.79	2.55	47.36
2.33	2.[illegible]	3.21	3.42	4.25	2.70	5.1[illegible]	1.42	34.60
1.57	5.54	4.[illegible]	2.17	2.12	1.73	5.57	7.3[illegible]	44.2[illegible]
1.57	4.31	2.34	1.[illegible]	5.91	2.43	3.09	2.4[illegible]	42.41
4.33	1.41	7.81	5.6[illegible]	2.46	2.06	5.43	1.24	44.[illegible]
4.17	4.27							17.95*

D

OPERATING LOCATION: 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726050 STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
LEAST	.64	.92	1.03	1.05	1.01	.44	[illegible]	1.11
GREATEST	13.29	9.43	10.12	11.11	9.31	6.42	7.31	7.21
MEAN	3.72	3.33	3.56	3.32	3.52	3.25	3.34	3.79
MEDIAN	3.11	3.52	3.17	3.57	3.25	3.04	3.53	2.53
SD	2.775	1.922	1.675	2.102	1.954	1.756	1.311	1.339
TOTAL OBS	1023	932	1023	1012	1024	1020	1023	1023

THE GREATEST VALUE OF 13.71 OCCURRED IN 11/[illegible]

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible] OF THE DAT

[illegible] MONTHLY PRECIPITATION AMOUNTS IN INCHES
[illegible] SUMMARY OF DAY DATA

[illegible] PERIOD OF RECORD: [illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	[illegible]	1.11	[illegible]	[illegible]	[illegible]	[illegible]	27.59
9.31	[illegible]	7.[illegible]	7.21	3.10	12.10	13.71	10.[illegible]	66.96
3.53	3.25	3.34	2.79	3.44	3.56	5.01	4.13	43.79
[illegible]	[illegible]	3.[illegible]	2.30	3.11	3.13	3.94	3.7[illegible]	44.16
1.254	1.756	1.511	1.332	1.220	2.047	2.723	2.345	7.350
1264	1023	1023	1023	990	1023	[illegible]	1023	12136

[illegible] 11/[illegible]

[illegible]NTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

[illegible] - 2 - 23

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS [illegible]
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726066 STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
56				1.08	1.93	1.32	.73	.74	.
57	.75	.43	.53	1.06	1.36	.35	.54	.37	.
58	2.05	1.40	1.27	1.32	.53	1.14	1.11	.24	1.
59	1.23	1.06	1.28	.83	.61	.99	2.35	1.06	1.
60	1.32	2.23	.87	.82	2.06	.50	1.95	.61	.
61	1.57	1.34	.91	1.64	.37	1.35	2.37	.62	.
62	.70	1.25	1.27	1.07	.96	1.59	.72	1.47	1.
63	1.25	.93	1.43	.50	1.09	.71	1.[illegible]	.32	1.
64	1.31	1.32	2.17	.12	.22	.46	.31	1.43	.
65	1.32	4.11	.45	.71	.35	1.44	.34	.55	.
66	1.32	1.52	.55	.34	.75	.52	1.31	1.23	.
67	.[illegible]	1.10	1.32	1.1[illegible]	1.13	1.34	1.15	.[illegible]	1.
68	1.24	.62	2.43	1.32	1.14	1.22	.22	.[illegible]	1.
69	1.39	1.34	1.[illegible]	.34	.25	.69	1.13	1.0[illegible]	.
70	.25	1.25	.26	2.33	1.59	.39	.35	1.31	1.
71	.52	.70	.57	.46	1.13	.94	.[illegible]	1.11	.
72	.34	1.61	1.43	.70	1.10	.77	.77	.75	.
73	.59	1.32	.94	4.50	1.11	.52	2.31	2.[illegible]	.
74	.[illegible]	.94	1.33	1.10	1.03	1.21	.34	.77	.
75	1.13	1.42	1.17	1.35	.43	1.29	1.04	4.10	1.
76	.60	1.41	.55	1.53	.65	.69	.77	2.55	.
77	2.37	.35	1.90	1.25	1.52	.43	.73	1.34	.
78	1.34	.37	1.24	1.[illegible]	3.53	2.55	.44	.35	.
79	2.[illegible]	1.39	.78	1.36	1.23	.98	1.74	1.14	.
80	.1[illegible]	.65	1.44	1.79	1.29	1.17	1.35	1.05	.
81	.25	3.36	.41	.77	.31	1.03	1.[illegible]	.74	1.
82	1.35	1.21	.51	1.24	.10	3.22	1.[illegible]	1.35	.
83	1.23	1.79	2.51	2.53	1.32	1.13	2.37	1.32	1.
84	1.14	1.11	1.1[illegible]	2.11	2.11	.38	1.[illegible]	.91	.
85	.17	.42	1.52	.42	.53	.44	1.55	1.44	1.
86	1.27	.34	.52	.92	.46	1.11	1.74	.52	.
87	1.52	.02	1.53	3.09	1.19	1.37	1.15	.75	2.
88	.37	1.19	.95	1.87	1.70	.51	1.[illegible]	1.57	2.
89	.24	1.15	.91	1.02	1.27	1.49			

TREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

[illegible] PERIOD OF RECORD: 5604-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1.93	1.90	.73	.54	.96	2.73	1.22	1.00	2.73*
1.35	.35	.54	.37	.37	1.39	1.04	.75	1.39
.53	1.14	1.11	.54	1.30	1.37	1.51	.56	2.55
.51	.99	2.35	1.56	1.28	1.03	.89	1.61	2.36
2.35	.50	1.92	.61	4.03	1.32	1.87	1.2[illegible]	4.03
.57	1.35	2.37	.62	2.55	.77	1.13	.37	3.55
.36	1.09	.72	1.47	1.32	6.73	1.42	2.21	6.73
1.50	.71	1.[illegible]	.32	1.94	.91	4.[illegible]	.65	4.03
.22	.46	.91	1.40	.45	1.11	1.63	.76	2.17
.35	1.44	.54	.55	.77	1.50	1.24	.70	4.11
.75	.52	1.21	1.29	2.66	.90	1.15	1.34	2.66
1.13	1.54	1.15	.73	1.70	.43	.91	1.55	1.70
1.14	1.22	.29	.23	1.10	1.42	2.53	2.[illegible]	2.53
.25	.60	1.10	1.05	2.87	.50	1.55	3.[illegible]	3.05
1.59	.52	.35	1.31	1.35	2.09	.67	1.46	3.09
1.13	.99	.59	1.11	.91	2.11	1.46	.53	2.11
1.10	.79	.77	.25	3.22	3.23	2.08	1.0[illegible]	3.23
1.11	.52	2.51	2.20	.55	1.24	.73	2.20	4.60
1.08	1.21	.34	.77	2.33	1.65	1.13	1.09	2.33
.43	1.29	1.34	4.10	1.45	1.09	1.23	1.49	4.10
.53	.50	.77	2.55	.97	1.31	.39	1.14	2.55
1.02	.43	.33	1.34	1.59	1.34	4.10	1.15	4.10
3.23	2.25	.44	.35	.15	.35	.77	1.26	3.83
1.23	.98	1.74	1.14	.90	1.25	1.33	.45	2.50
1.29	1.17	1.35	1.05	.39	1.33	1.67	.24	1.83
.31	1.03	1.59	.79	1.01	.65	.97	1.[illegible]	3.86
.50	3.22	1.55	1.35	.51	.39	1.37	.2[illegible]	3.22
1.32	1.13	2.37	1.32	1.14	.91	3.29	1.70	3.29
2.11	.38	1.56	.81	.44	2.00	2.26	.76	2.26
.53	.44	1.65	1.44	1.55	1.05	2.30	.57	2.80
.45	1.11	1.74	.52	.55	.57	2.96	2.52	2.96
1.19	1.37	1.15	.75	2.69	.90	1.21	.74	3.09
1.72	.51	1.30	1.57	2.13	1.74	2.35	.55	2.35
1.27	1.49							1.49*

3 - 2 - 3A

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION [illegible]
[illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GREATEST	[illegible]	4.11	2.51	4.60	3.33	3.62	[illegible]	[illegible]
TOTAL DAYS	1023	932	1023	1012	1054	1020	1023	1023

THE GREATEST VALUE OF 6.73 OCCURRED ON 10/30/52

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible] OF THE DAYS

A

THE DAILY PRECIPITATION VALUES IN INCHES
[illegible] SUMMARY OF [illegible] DATA

[illegible]

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3.23	3.22	2.21	4.12	4.23	5.73	4.12	3.[illegible]	5.73
[illegible]	[illegible]	1323	1323	923	1323	923	1323	12135

[illegible] 10/26/52

[illegible] LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

[illegible] - 2 - 3[illegible]

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION (INCHES)
FOR THE PERIOD OF RECORD

STATION NUMBER: [illegible] STATION NAME: [illegible]
ST TO UTC: +[illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				1.98	.0	.0	.0	.0
57	24.3	.5	5.3	2.7	.0	.0	.0	.0
58	[illegible]	23.0	25.0	1.7	.0	.0	.0	.0
59	7.7	12.4	24.4	TRACE	.0	.0	.0	.
60	12.3	12.1	11.3	TRACE	.0	.0	.0	.0
61	25.[illegible]	17.3	15.4	[illegible]	.0	.0	.0	.0
62	[illegible]	[illegible]	10.2	2.3	.0	.0	.0	.0
63	[illegible]	17.[illegible]	17.3	TRACE	TRACE	.0	.0	.0
64	[illegible]	[illegible]	3.4	.5	.0	.0	.0	.0
65	[illegible]	[illegible]	9.4	.3	.0	.0	.0	.0
66	[illegible]	[illegible]	4.4	TRACE	TRACE	.	.0	.0
67	[illegible]	43.3	23.3	7.[illegible]	TRACE	.0	.0	.
68	[illegible]	[illegible]	13.2	.0	.0	.0	.0	.0
69	[illegible]	1.3	[illegible]	TRACE	.0	.0	.	.0
70	[illegible]	1[illegible].9	1[illegible].1	1.[illegible]	.0	.	.	.0
71	[illegible]	1[illegible]	13.7	7.[illegible]	.0	.	.0	.0
72	[illegible]	4[illegible]	27.2	[illegible].3	.0	.	.	.0
73	1[illegible]	[illegible].4	[illegible]	2.1	.0	.0	.0	.0
74	[illegible]	7.3	2.4	[illegible].2	.0	.0	.0	.0
75	17.[illegible]	17.2	7.[illegible]	1.3	.0	.0	.	.0
76	1[illegible]	[illegible].1	3[illegible].4	TRACE	.0	.	.0	.0
77	[illegible]	[illegible]	32.1	TRACE	TRACE	.0	.0	.0
78	[illegible]	1[illegible].3	[illegible]	TRACE	.0	.0	.0	.
79	[illegible]	3.7	TRACE	2.4	.0	.0	.0	.0
80	2.1	[illegible].3	[illegible].7	TRACE	.0	.0	.0	.
81	[illegible]	[illegible].7	[illegible].5	TRACE	.0	.0	.0	.0
82	11.3	7.3	4.9	24.4	.0	.0	.0	.0
83	1[illegible]	27.[illegible]	[illegible]	TRACE	.0	.0	.0	.0
84	27.4	[illegible].7	23.4	TRACE	TRACE	.0	.0	.0
85	12.1	[illegible].4	[illegible].1	1.2	.0	.0	.0	.0
86	[illegible]	11.0	2.5	TRACE	.0	.0	.	.0
87	41.4	.2	[illegible].5	[illegible]	.0	.0	.0	.0
88	13.3	41.5	7.7	TRACE	.0	.0	.0	.0
89	5.1	9.1	6.2	1.7	.0	.0		

A

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
AND SUMMARY OF DAY DATA

PERIOD OF RECORD: 5504-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	2.7	27.2	35.3*
.0	.0	.0	.0	.0	.0	TRACE	2.1	34.9
.0	.0	.0	.0	.0	.0	TRACE	10.5	94.1
.0	.0	.0	.0	.0	.0	3.3	23.1	58.4
.0	.0	.0	.0	.0	.0	.0	21.9	67.0
.0	.0	.0	.0	.0	.1	7.9	39.1	104.1
.0	.0	.0	.0	.0	2.0	1.2	7.4	71.0
TRACE	.0	.0	.0	.0	TRACE	4.2	17.7	57.6
.0	.0	.0	.0	.0	.0	TRACE	14.7	54.3
.0	.0	.0	.0	.0	TRACE	.0	3.7	31.2
TRACE	.0	.0	.0	.0	.0	TRACE	13.1	77.9
TRACE	.0	.0	.0	.0	.0	3.3	19.7	100.7
.0	.0	.0	.0	.0	.0	2.9	18.3	53.1
.0	.0	.0	.0	.0	1.0	TRACE	23.[illegible]	105.2
.0	.0	.0	.0	.0	TRACE	.0	39.4	77.3
.0	.0	.0	.0	.0	.0	15.5	21.6	92.4
.0	.0	.0	.0	.0	TRACE	8.9	26.6	115.2
.0	.0	.0	.0	.0	.0	TRACE	5.5	25.7
.0	.0	.0	.0	.0	.0	6.3	17.7	58.5
.0	.0	.0	.0	.0	.0	4.5	23.0	77.9
.0	.0	.0	.0	.0	.0	2.3	14.4	55.9
TRACE	.0	.0	.0	.0	.0	1.5	21.0	80.0
.0	.0	.0	.0	.0	.0	6.4	12.5	79.0
.0	.0	.0	.0	.0	.0	TRACE	2.2	30.7
.0	.0	.0	.0	.0	.0	3.3	2.2	35.7
.0	.0	.0	.0	.0	.0	TRACE	20.7	43.9
.0	.0	.0	.0	.0	.0	.7	4.0	52.0
.0	.0	.0	.0	.0	.0	TRACE	17.3	64.2
TRACE	.0	.0	.0	.0	.0	TRACE	5.4	59.8
.0	.0	.0	.0	.0	.0	4.3	7.4	41.5
.0	.0	.0	.0	.0	.0	2.1	3.2	30.9
.0	.0	.0	.0	.0	.0	4.4	5.5	54.3
.0	.0	.0	.0	.0	TRACE	.0	1.3	43.3
.0	.0							20.1*

B

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM [illegible] OF DAY DATA

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: +05

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
NONE	[illegible]	61.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRACE	17.4	16.0	13.6	[illegible]	.2			
0.1-0.4	[illegible]	[illegible]	6.3	1.6				
0.5-1.4	[illegible]	4.9	5.5	.9				
1.5-2.4	2.7	3.2	1.[illegible]	1.1				
2.5-3.4	2.5	1.5	2.1	.4				
3.5-4.4	1.4	1.2	.[illegible]					
4.5-6.4	1.6	1.3	1.1	.2				
6.5-10.4	1.[illegible]	1.0	.3	.2				
10.5-15.4	.4	1.2	.5					
15.5-25.4	.5	.3		.1				
25.5-50.4								
OVER 50.4								
DAYS WITH MEAS AMTS	[illegible]	22.5	17.9	[illegible]				
TOTAL NO. OF OBSERVATIONS	1023	932	1023	1012	[illegible]	1020	[illegible]	1023

A

FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: [illegible]
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]	[illegible]	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2					.7	10.2	17.4	7.0
1.[illegible]						.1	1.4	[illegible]	2.6
.9						.6	1.1	[illegible]	2.1
1.1						.1	.9	[illegible]	1.0
.7							.7	[illegible]	.6
							.5	1.2	.4
.3							.4	1.[illegible]	.5
.2							.[illegible]	1.4	.4
								.5	.2
.1								.2	.1
[illegible]						.2	[illegible]	[illegible]	[illegible]
1[illegible]	1[illegible]	1020	1024	1023	992	1023	[illegible]	1[illegible]	12136

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
-RDM SUMMARY OF DAY DATA

STATION NUMBER: [illegible] STATION NAME: PEACE AFB [illegible]
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
LEAST	[illegible]	.0	TRACE	.0	.0	.0	.0	.0
GREATEST	[illegible]	61.2	30.4	24.4	TRACE	.0	.0	.0
MEAN	17.[illegible]	15.3	11.[illegible]	2.[illegible]	TRACE	.0	.0	.0
MEDIAN	[illegible]	12.1	[illegible].1	.0	.0	.0	.0	.0
SD	11.414	14.231	8.424	4.722	.000	.000	.000	.000
TOTAL OBS	1023	932	1023	1010	1054	1020	1024	1023

THE GREATEST VALUE OF 61.2 OCCURRED IN 02/[illegible]

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible]% OF THE [illegible]

A

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

[illegible] ALASKA

PERIOD OF RECORD: [illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	.0	1.0	25.7
TRACE	.0	.0	.0	.0	2.0	12.8	31.4	118.2
TRACE	.0	.0	.0	.0	.1	3.1	16.3	46.5
.0	.0	.0	.0	.0	.0	1.0	14.4	55.2
.000	.000	.000	.000	.000	.471	3.688	10.022	23.584
1994	1020	1013	1023	990	1023	993	1022	12136

[illegible] 02/69

[illegible] WITH LESS THAN 20% OF THE DATA AVAILABLE FOR THE MONTH

[illegible] - 3 - [illegible]

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72205 STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				1.0*	.0	.0	.0	.0
57	7.5	.3	2.7	2.5	.0	.0	.0	.0
58	3.2	10.5	9.7	1.3	.0	.0	.0	.0
59	4.1	4.1	11.8	TRACE	.0	.0	.0	.0
60	11.5	5.1	2.1	TRACE	.0	.0	.0	.0
61	17.0	13.9	5.4	2.2	.0	.0	.0	.0
62	3.1	13.2	3.2	1.1	.0	.0	.0	.0
63	5.2	7.0	4.1	TRACE	TRACE	.0	.0	.0
64	2.5	7.5	7.1	.2	.0	.0	.0	.0
65	4.0	3.0	3.0	.3	.0	.0	.0	.0
66	14.4	13.0	3.0	TRACE	TRACE	.0	.0	.0
67	.4	14.1	13.1	4.7	TRACE	.0	.0	.0
68	7.5	3.2	4.3	.2	.0	.0	.0	.0
69	3.1	23.4	5.7	TRACE	.0	.0	.0	.0
70	1.5	4.5	4.2	1.8	.0	.0	.0	.0
71	9.2	4.7	6.1	2.5	.0	.0	.0	.0
72	3.2	17.3	13.8	1.9	.0	.0	.0	.0
73	.1	3.8	.1	1.[illegible]	.0	.0	.0	.0
74	7.7	5.5	1.4	7.2	.0	.0	.0	.0
75	7.4	5.0	3.1	.5	.0	.0	.0	.0
76	3.7	2.7	12.3	TRACE	.0	.0	.0	.0
77	15.4	4.1	11.1	TRACE	TRACE	.0	.0	.0
78	14.4	12.4	5.7	TRACE	.0	.0	.0	.0
79	5.1	2.2	TRACE	2.3	.0	.0	.0	.0
80	2.1	6.9	5.3	TRACE	.0	.0	.0	.0
81	2.0	3.1	1.3	TRACE	.0	.0	.0	.0
82	6.5	4.0	1.9	15.3	.0	.0	.0	.0
83	5.1	15.5	.3	TRACE	.0	.0	.0	.0
84	3.0	1.9	9.3	TRACE	TRACE	.0	.0	.0
85	3.5	3.2	5.1	1.2	.0	.0	.0	.0
86	5.0	3.0	1.1	TRACE	.0	.0	.0	.0
87	17.1	.2	1.7	4.5	.0	.0	.0	.0
88	4.1	11.3	5.4	TRACE	.0	.0	.0	.0
89	2.2	5.5	3.5	1.7	.0	.0		

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EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

[illegible] NH

PERIOD OF RECORD: 5604-8005
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	2.7	10.5	10.3*
.0	.0	.0	.0	.0	.0	TRACE	.0	7.5
.0	.0	.0	.0	.0	.0	TRACE	6.0	10.5
.0	.0	.0	.0	.0	.0	3.5	12.6	12.6
.0	.0	.0	.0	.0	.0	.0	15.5	15.5
.0	.0	.0	.0	.0	.1	5.5	15.0	17.5
.0	.0	.0	.0	.0	2.0	.6	6.0	14.2
TRACE	.0	.0	.0	.0	TRACE	3.7	5.1	5.2
.0	.0	.0	.0	.0	.0	TRACE	5.2	9.6
.0	.0	.0	.0	.0	TRACE	.4	1.0	8.0
TRACE	.0	.0	.0	.0	.0	TRACE	5.0	14.4
TRACE	.0	.0	.0	.0	.0	3.0	9.0	14.1
.0	.0	.0	.0	.0	.0	2.7	6.4	7.0
.0	.0	.0	.0	.0	1.1	TRACE	12.3	20.4
.0	.0	.0	.0	.0	TRACE	.0	10.0	10.0
.0	.0	.0	.0	.0	.0	3.4	6.2	9.0
.0	.0	.0	.0	.0	TRACE	3.0	7.2	17.0
.0	.0	.0	.0	.0	.0	TRACE	3.7	3.1
.0	.0	.0	.0	.0	.0	2.5	7.1	7.7
.0	.0	.0	.0	.0	.0	4.5	5.5	7.4
.0	.0	.0	.0	.0	.0	6.4	1.1	12.3
TRACE	.0	.0	.0	.0	.0	1.2	9.2	15.0
.0	.0	.0	.0	.0	.0	3.4	5.7	14.0
.0	.0	.0	.0	.0	.0	TRACE	2.0	4.1
.0	.0	.0	.0	.0	.0	9.8	4.7	9.8
.0	.0	.0	.0	.0	.0	TRACE	6.1	3.5
.0	.0	.0	.0	.0	.0	.6	1.5	18.3
.0	.0	.0	.0	.0	.0	TRACE	7.4	15.5
TRACE	.0	.0	.0	.0	.0	TRACE	2.2	9.3
.0	.0	.0	.0	.0	.0	2.0	1.1	5.1
.0	.0	.0	.0	.0	.0	5.4	2.6	6.0
.0	.0	.0	.0	.0	.0	2.0	2.6	17.1
.0	.0	.0	.0	.0	TRACE	.0	1.3	11.2
.0	.0							5.5*

OPERATING LOCATION (A)
USAFETAC, ASHEVILLE NC

EXTREME DAILY RAINFALL AMOUNTS (IN INCHES)
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GREATEST	17.5	20.4	13.[illegible]	10.3	TRACE	.0	.0	.0
TOTAL OBS	1023	932	1023	1012	1004	1020	1023	1023

THE GREATEST VALUE OF 20.4 OCCURRED ON 02/25/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible] OF THE DATA

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
HOURLY SUMMARY OF DAY DATA

STATION: [illegible] PERIOD OF RECORD: 5604-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	.0	.0	.0	.0	2.0	9.3	15.4	20.4
1264	1226	1023	1023	990	1023	999	1023	12135

COMPUTED ON 02/25/52

[illegible] WITH LESS THAN 20% OF THE DATA AVAILABLE FOR THE MONTH

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SOLID PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH
LST TO UTC: +05

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
NONE	13.6	16.1	44.9	94.1	100.0	100.0	100.0	100.
TRACE	8.8	10.8	14.0	1.9				
1	9.9	10.7	7.5	1.4				
2	11.[illegible]	7.9	5.0	.9				
3	11.3	5.5	4.6	.5				
4-6	15.4	18.5	10.5	.7				
7-12	19.4	15.9	9.0	.2				
13-24	9.1	12.3	2.4	.4				
25-36	.7	.3	1.0					
37-48		.2	.1					
49-60								
61-120								
OVER 120								
DAYS WITH MEAS AMTS	77.6	73.1	41.2	4.1				
TOTAL NO. OF OBSERVATIONS	1023	932	1027	1012	1054	1020	1022	1023

P

FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

AFS NH — PERIOD OF RECORD: 5604-6906
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
.1	100.0	100.0	100.0	100.0	100.0	99.6	96.1	45.1	75.7
.3						.2	3.3	9.3	4.0
.4						.1	1.5	11.5	3.6
.3						.1	.9	7.0	2.9
.5							1.2	5.2	2.3
.7							1.6	12.0	4.9
.2							.5	7.1	4.4
.4								1.9	2.1
								.1	.2
									.0
.1						.2	3.1	49.7	26.3
12	1034	1023	1023	1023	990	1023	930	1023	12136

B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN I
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723065 STATION NAME: BOAST AFB KS
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				3*	0	0	0	0
57	21	5	3	3	0	0	0	0
58	12	19	11	1	0	0	0	0
59	4	5	15	0	0	0	0	0
60	14	10	12	0	0	0	0	0
61	19	21	11	4	0	0	0	0
62	9	19	10	1	0	0	0	0
63	0	14	12	0	0	0	0	0
64	12	13	3	0	0	0	0	0
65	0	5	3	0	0	0	0	0
66	31	30	4	0	0	0	0	0
67	5	13	20	0	0	0	0	0
68	25	3	0	0	0	0	0	0
69	11	32	23	0	0	0	0	0
70	4	5	6	1	0	0	0	0
71	1	12	15	4	0	0	0	0
72	7	30	16	3	0		0	0
73	0	7	TRACE	0	0	0	0	0
74	11	5	1	5	0	0	0	0
75	4	10	3	1	0	0	0	0
76	14	2	10	0	0		0	0
77	15	16	11	TRACE	0	0	0	0
78	24	21	10	0	0	0	0	0
79	11	4	2	2	0	0	0	0
80	2	7	5	0	0	0	0	0
81	4	3	3	0	0	0	0	0
82	13	7	5	21	0	0	0	0
83	15	20	3	0	0	0	0	0
84	13	6	14	4	0	0	0	0
85	5	7	7	2	0	0	0	0
86	0	0	0	0	0	0	0	0
87	22	23	15	0	0	0	0	0
88	10	12	5	0	0	0	0	0
89	TRACE	6	4	1	0	0		

3 - 4 - 24

A

[illegible] DAILY SNOW DEPTH AMOUNTS IN INCHES
[illegible] SUMMARY OF DAY DATA

[illegible] PERIOD OF RECORD: [illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	0	0	0	0	0	3	11	11*
0	0	0	0	0	0	0	1	21
0	0	0	0	0	0	TRACE	7	12
0	0	0	0	0	0	4	12	15
0	0	0	0	0	0	0	16	14
0	0	0	0	0	0	7	15	25
0	0	0	0	0	0	1	0	19
0	0	0	0	0	0	4	6	14
0	0	0	0	0	0	0	7	17
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	35
0	0	0	0	0	0	3	17	25
0	0	0	0	0	0	3	0	25
0	0	0	0	0	0	0	0	30
0	0	0	0	0	0	0	24	24
0	0	0	0	0	0	0		11
0	0	0	0	0	0	7	16	30
0	0	0	0	0	0	0	4	0
0	0	0	0	0	0	4	7	11
0	0	0	0	0	0	0	17	17
0	0	0	0	0	0	1	0	14
0	0	0	0	0	0	1	17	13
0	0	0	0	0	0	4	0	24
0	0	0	0	0	TRACE	0	0	11
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	TRACE	0	0
0	0	0	0	0	0	TRACE	1	21
0	0	0	0	0	0	0	7	20
0	0	0	0	0	0	0	2	14
0	0	0	0	0	0	4	4	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	0	23
0	0	0	0	0	0	0	1	12
0	0							5*

OPERATING LOCATION: [illegible]
USAFETAC, ASHEVILLE, NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN
FROM SUMMARY OF DAY DATA

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
[illegible]								

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

B

THE DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: [illegible]
MONTHS: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible] DATA AVAILABLE [illegible]

OPERATING LOCATION 'A' FIRST AND LAST DAYS OF [illegible]
USAFETAC, ASHEVILLE, NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL
55 - 56	APR 09	APR 23	APR 04	[illegible]
56 - 57	NOV 15	NOV 15	NOV 15	[illegible]
57 - 58	NOV 25	DEC 11	[illegible]	[illegible]
58 - 59	NOV 02	DEC 03	DEC 04	[illegible]
59 - 60	NOV 17	NOV 22	NOV 23	[illegible]
60 - 61	DEC 01	DEC 12	DEC 12	[illegible]
61 - 62	OCT 15	OCT 15	NOV 21	17
62 - 63	OCT 24	OCT 26	NOV 14	[illegible]
63 - 64	OCT 30	NOV 14	NOV 15	[illegible]
64 - 65	NOV 15	DEC 03	DEC 04	[illegible]
65 - 66	OCT 24	NOV 21	DEC 15	[illegible]
66 - 67	NOV 05	DEC 02	[illegible]	[illegible]
67 - 68	[illegible]	NOV 15	NOV 15	[illegible]
68 - 69	NOV 13	NOV 13	NOV 17	[illegible]
69 - 70	OCT 24	OCT 22	OCT 28	[illegible]
70 - 71	OCT 17	DEC 05	[illegible]	[illegible]
71 - 72	NOV 07	NOV 11	[illegible]	[illegible]
72 - 73	OCT 19	NOV 14	[illegible]	[illegible]
73 - 74	NOV 05	DEC 05	DEC 17	[illegible]
74 - 75	NOV 17	NOV 21	[illegible]	[illegible]
75 - 76	NOV 14	NOV 24	[illegible]	[illegible]
76 - 77	NOV 09	NOV 13	NOV 11	[illegible]
77 - 78	NOV 23	NOV 23	NOV 29	[illegible]
78 - 79	NOV 26	NOV 21	NOV 21	[illegible]
79 - 80	OCT 13	OCT 13	DEC 14	[illegible]
80 - 81	NOV 07	NOV 15	NOV 15	[illegible]
81 - 82	NOV 07	DEC 05	DEC 05	[illegible]
82 - 83	NOV 24	NOV 24	DEC 11	[illegible]
83 - 84	NOV 15	DEC 02	DEC 02	[illegible]
84 - 85	NOV 14	DEC 03	DEC 03	[illegible]
85 - 86	NOV 11	NOV 15	NOV 15	[illegible]

A

AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NO

PERIOD OF RECORD: 5504-[illegible]
SNOW-YEAR: 1 AUG - 31 JUL

FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
APR 29	APR 23	APR 23	APR 13
NOV 18	APR 09	APR 07	APR 09
OCT 14	[illegible]	APR 12	APR 12
DEC 04	[illegible]	MAR 27	MAR 28
NOV 05	APR 11	MAR 24	MAR 25
DEC 12	APR 20	APR 14	APR 15
NOV 21	[illegible] 17	APR 15	APR 16
NOV 14	MAY 11	MAR 21	MAR 24
NOV 12	[illegible]	APR 04	MAR 13
DEC 04	[illegible]	APR 13	MAR 28
OCT 1[illegible]	MAY [illegible]	MAR 13	[illegible]
NOV 14	MAY 25	APR 24	APR 13
NOV 15	MAY 24	MAR 13	MAR 16
NOV 27	[illegible]	MAR 30	APR [illegible]
OCT 1[illegible]	[illegible]	APR 22	APR 01
[illegible]	APR 17	APR 15	APR [illegible]
[illegible] 22	[illegible] 2[illegible]	APR 22	APR [illegible]
[illegible] 1[illegible]	[illegible] 11	APR 11	APR [illegible]
[illegible] 17	APR [illegible]	APR 10	APR 11
[illegible]	[illegible]	APR 0[illegible]	[illegible]
[illegible]	[illegible]	MAR 1[illegible]	MAR 21
NOV 11	MAY 1[illegible]	MAR 23	[illegible] 27
NOV [illegible]	[illegible] 17	MAR 25	APR 27
[illegible] 1	APR 1[illegible]	APR 0[illegible]	APR 10
[illegible] 14	[illegible]	MAR 14	MAR 1[illegible]
[illegible] 1[illegible]	[illegible]	MAR 21	MAR 21
[illegible]	[illegible] 1[illegible]	APR 12	APR 14
[illegible] 11	[illegible] 2[illegible]	MAR 15	MAR 26
[illegible]	MAY 1[illegible]	MAR 30	APR 0[illegible]
[illegible]	APR 1[illegible]	APR 01	APR 12
NOV [illegible]	[illegible]	MAR 1[illegible]	MAR 11

OPERATING LOCATION [illegible] FIRST AND LAST DAYS OF OCCURRENCE BY [illegible]
USAFETAC, ASHEVILLE NC PROB SUMMARY [illegible]

STATION NUMBER: 725055 STATION NAME: [illegible]

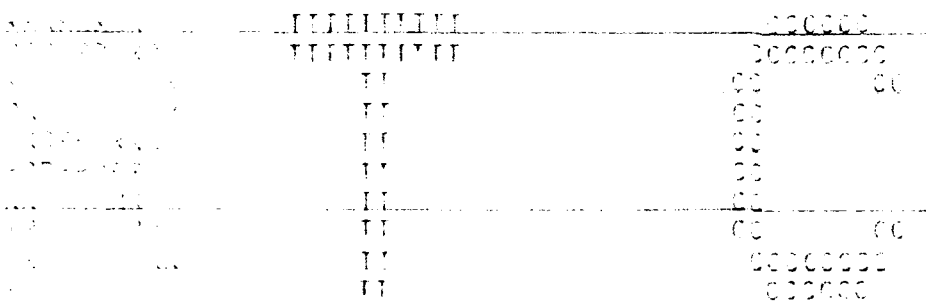
SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL
86 - 87	NOV 06	NOV 11	NOV 17	[illegible]
87 - 88	NOV 05	NOV 10	NOV 11	[illegible]
88 - 89	OCT 22	DEC 23	DEC 24	[illegible]
MEDIAN-DATE	NOV 07	NOV 21	NOV [illegible]	[illegible]

[illegible] LAST DAYS OF OCCURRENCE BY END-YEAR
[illegible] SUMMARY OF DAY DATA

[illegible]

PERIOD OF RECORD: [illegible]
SNOW-YEAR: 1 AUG. - 31 JUL.

FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
NOV 12	APR 29	APR 29	APR 29
NOV 11	APR 29	MAR 29	MAR 07
DEC 14	APR 17	APR [illegible]	APR [illegible]
[illegible]	[illegible]	APR 05	APR 01



[illegible]

[illegible] SURFACE WIND SUMMARY

PEAK WINDS.
THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. [illegible] DIRECTIONS ARE TO 16 COMPASS POINTS FOR THE [illegible] THROUGH JUNE 1964, BUT IN JULY 1964, ALL STATIONS [illegible] WEATHER SERVICE STARTED RECORDING DIRECTION TO [illegible] IS SUMMARIZED BY MONTH FOR EACH YEAR FOR WHICH [illegible] AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE [illegible] GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE [illegible] PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. [illegible] A VALUE FOR A MONTH FOR WHICH LESS THAN [illegible] OF THE DATA [illegible] ASTERISK ALSO DENOTES A YEAR(S) WITH [illegible] MISSI[illegible]

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.
ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY [illegible] YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 [illegible] INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED [illegible] AS "CALM," THAT COUNT GOES INTO THE "1-4 KT" GROUP [illegible] GRAND, MEDIA C, AND TOTAL OBSERVATION COUNT. THE [illegible] ACCOUNT FOR A PEAK WIND WHICH [illegible]

WIND DIRECTION VS WIND SPEED--PERCENT [illegible]
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. [illegible] THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME [illegible]

- BY MONTH (ALL YEARS AND ALL HOURS OF [illegible]).

- BY YEAR (ALL YEARS AND ALL HOURS [illegible]).

THESE TABLES GIVE A DIVARIATE DISTRIBUTION [illegible] FREQUENCY (PCF) FOR ELEVEN WIND SPEED GROUPS, [illegible] SECTORS GIVEN IN 32 POINT INCREMENTS. "CALM" AND "VRB" GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) [illegible] TOTAL PERCENTAGES, GRAND, AND MEDIAN [illegible] OBSERVATION COUNTS, [illegible] EACH [illegible].

ALSO PROVIDED: A DIVARIATE DISTRIBUTION OF WIND DIRECTION [illegible] FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THE [illegible]

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MI, THE CEILING MUST BE GREATER THAN OR EQUAL TO [illegible] FT. IF THE CONDITION IS NOT [illegible], BUT [illegible] WHEN THE CEILING IS GREATER THAN OR EQUAL TO [illegible] FT, THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 (SEE [illegible])

CONVERSION: 1 KNOT = .514791 [illegible]

[illegible] - 1 - 2

SURFACE WIND SUMMARIES

[illegible] FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS.
COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD
[illegible] IN JULY 1948, ALL STATIONS EXCEPT THOSE OF THE NATIONAL
[illegible] DIRECTIONS IN TENS OF DEGREES. DATA
[illegible] LAST YEAR FOR THE ENTIRE PERIOD OF RECORD
[illegible] PERCENT OF MONTHLY VALUE FOR ALL YEARS COMBINED, THE
[illegible] ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE
[illegible] THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES
[illegible] LESS THAN 90% OF THE DATA ARE AVAILABLE. AN
[illegible] YEAR(S) WITH MORE THAN [illegible] MISSING AND/OR INCOMPLETE MONTHS.

[illegible] FREQUENCY.
[illegible] DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL
[illegible] SPEED GROUPS. THE 1-4 KNOT SPEED GROUP
[illegible] MAX WIND IS REPORTED FOR A PARTICULAR DAY
[illegible] THE 11-4 KNOT CATEGORY. TABLES INCLUDE
[illegible] VALUES IN THIS SUMMARY
[illegible] DAY OF LAST MONTH.

[illegible] CODE FOR FREQUENCY.
[illegible] MONTHLY OBSERVATIONS. DATA SUMMARIZE

[illegible] MONTH (ALL YEARS COMBINED).

[illegible] 1-4).

[illegible] 11).

[illegible]
[illegible] WIND DIRECTION
[illegible] "CALM" AND "VARIABLE" WINDS ARE
[illegible] (0,0,0) ARE FOR REFERENCE.
[illegible] STEP, PLUS WITH TOTAL OB-
[illegible].

[illegible] DIRECTION VERSUS WIND SPEED
[illegible] VISIBILITY [illegible]. THE CONDITIONS ARE:

[illegible] 1/2 MILES (0[illegible] MILES)
[illegible] BUT LESS THAN 1000 FEET.
[illegible] VISIBILITY IS TESTED:
[illegible] FEET, THE VISIBILITY MUST
[illegible] 1/2 (0[illegible] MILES) BUT LESS THAN 2 MILES (4[illegible]).

[illegible]

D

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SOURCE Y [illegible] DY DATA

STATION NUMBER: 72[illegible] STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56								
57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
58	[illegible]	*	*	*	*	*	*	[illegible]
59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

[illegible]

PERIOD OF RECORD: 5509-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
				[illegible] 23	WNW 33	SSW 36	[illegible] 44	[illegible] *44
[illegible] 41	[illegible] 34	[illegible] 29	WNW 32	W 33	WNW 31	S 35	S 45	S 45
*	[illegible]	*	W *37	NW *19	WNW*37	WNW 35	[illegible] 29	[illegible] *42
[illegible]	[illegible] 31	[illegible] 27	[illegible] 33	WNW 25	S 41	NW 25	[illegible] 34	[illegible] 34
[illegible] 25	[illegible]	NE 29	W 33	SSE 32	NW 30	W 34	[illegible]	SSE 45
[illegible]	[illegible]*26	[illegible]*22	[illegible]*23	[illegible]*23	WNW*27	WNW*30	[illegible] 37	[illegible] *34
[illegible] 47	[illegible]*25	[illegible]	[illegible] *36	[illegible] 40	WNW 35	S 44	[illegible]	[illegible]*50
[illegible] *32	[illegible] *23	[illegible] *30	[illegible] 32	[illegible] 34	[illegible] *30	SSE 45	[illegible]	[illegible]*50
[illegible] 43	[illegible]*34	[illegible]*30	[illegible] *31	SSE 33	WNW 30	S 43	[illegible]	[illegible]*42
[illegible] 35	[illegible] 47	[illegible] 44	[illegible] 40	S 29	[illegible] *43	[illegible] 43	[illegible]	[illegible] *49
[illegible] 33	[illegible]	SSW 30	[illegible] 27	[illegible] 39	WNW 44	[illegible] 30	[illegible]	[illegible] 45
[illegible]	[illegible] 35	[illegible]	[illegible]	[illegible] 31	[illegible]	W [illegible]	[illegible]	[illegible]
[illegible] 34	[illegible]	32/ 22	25/ 31	1[illegible]/ 37	23/ 34	05/ 41	27/ [illegible]	[illegible] 45
[illegible]	[illegible]	31/ [illegible]	[illegible]	21/ 26	[illegible]/ 27	14/ 53	[illegible]	32/ 57
[illegible]	[illegible]	[illegible]	[illegible]/ 31	31/ [illegible]	23/ 26	27/ [illegible]	[illegible]/ [illegible]	36/ [illegible]
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[illegible]	[illegible]	[illegible]	31/ 27	[illegible]	31/ [illegible]	14/ [illegible]	[illegible]/ 49	[illegible]/ 55
17/ 32	[illegible]/ 27	[illegible]	33/ [illegible]	22/ [illegible]	[illegible]/ 44	27/ 55	1[illegible]/ [illegible]	27/ [illegible]
[illegible]	[illegible]	[illegible]/ 33	[illegible]/ 27	[illegible]/ 35	[illegible]	[illegible]/ 42	[illegible]/ 41	[illegible]
[illegible]/ 33	[illegible]/ 41	[illegible]	[illegible]/ 31	[illegible]	31/*[illegible]	27/*2[illegible]	[illegible]	[illegible]/*46
[illegible]	[illegible]	31/ [illegible]	[illegible]	13/ [illegible]	31/ [illegible]	32/ [illegible]	[illegible]/ 41	[illegible]/ 51
[illegible] 41	[illegible]	32/	[illegible]/ 27	[illegible]/ 35	15/ 34	[illegible]	[illegible]	[illegible]
1[illegible]/ 37	[illegible]	[illegible]	[illegible]	23/ 35	32/ 34	32/ [illegible]	[illegible]/ 47	15/ [illegible]
[illegible]	[illegible]	[illegible]	31/ [illegible]	1[illegible]/ 53	32/ [illegible]	31/ [illegible]	31/ [illegible]	1[illegible]/ [illegible]
[illegible]	[illegible]	31/ 31	[illegible]	[illegible]	07/ 51	13/ [illegible]	[illegible]	[illegible]/ 51
[illegible]	[illegible]	[illegible]	[illegible]/ 27	16/ [illegible]	31/ [illegible]	/ 51	[illegible]	[illegible]/ 42
[illegible]	[illegible]/ 31	[illegible]	[illegible]	[illegible]/ 19	[illegible]/ 27	[illegible]	[illegible]	[illegible]/ 43
[illegible]	[illegible]/ 31	[illegible]/ 37	[illegible]/ 22	1[illegible]/ 33	27/ 37	31/ 41	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	17/ 31	33/ [illegible]	32/ 31	[illegible]/ 51	[illegible]	[illegible]7/ 44
[illegible]	/	17/ 27	/ [illegible]	1[illegible]/ [illegible]	32/ 34	34/ [illegible]	[illegible]	15/ [illegible]
[illegible]	[illegible]	[illegible]/ 27	[illegible]	27/ [illegible]	33/ [illegible]	[illegible]	[illegible]/ 37	33/ 43
[illegible]	[illegible]	31/ [illegible]	31/ [illegible]	[illegible]	[illegible]	31/ [illegible]	31/ [illegible]	[illegible]/ 43
[illegible]	[illegible]	[illegible]	[illegible]	22/ [illegible]	[illegible]/ 34	1[illegible]/ 27	[illegible]/ 37	[illegible]
[illegible]	[illegible]							[illegible]/*44

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PEAK SURFACE WIND IN KNOTS
[illegible]

STATION NUMBER: [illegible] STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GREATEST	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

THE PEAK INDEX IS [illegible]

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible] OBSERVATIONS
THE VALUE IS ESTIMATED WITH LESS THAN [illegible]

PEAK SURFACE WINDS IN KNOTS
[illegible] SUMMARY OF [illegible] DATA

[illegible] PERIOD OF RECORD: [illegible]
MONTHS: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible] DATA AVAILABLE [illegible]
[illegible] DATA AVAILABLE [illegible]

[illegible]

OPERATING LOCATION [illegible]
USAFETAC, [illegible]

STATION NUMBER : [illegible] STATION NAME: [illegible]
SELECTED +[illegible]

MONTH	[illegible]	[illegible]	10-14	15-19	20-24	[illegible]	[illegible]	[illegible]
JAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JUN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JUL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AUG	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SEP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OCT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	.1	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

β

OPERATING LOCATION "A"

(H) 350-359	2.2	2.2	1.0	.1						
360-369	1.0	1.3	.	.2	.0					
370-379	.	.0	.1							
(I) 230-139		.1	.1							
140-149	.0	.1	.0	.1						
150-159	.	.2		.1						
(J) 170-179	1.1	.0		.1						
180-189	.	.0	.1		.0					
190-199	.0	.0	1.0							
(K) 200-209	1.3	.0	.0	1.1						
210-219	.	.0	.0	1.0	.0	.1				
220-229	.0	1.0	1.0	.0						
TOTALS	11.1	7.0	14.0	4.0	.0	.1				

```
[illegible] DIRECTION [illegible]
[illegible]

[illegible]                    [illegible] JUL 7- - JU[illegible]
•••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••
[illegible]
[illegible]                                          T[illegible]
•••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••
                                                      7.7   [illegible]   [illegible]
                                                      [illegible]   7.[illegible]   [illegible]
                                                      [illegible]   [illegible]   [illegible]
                                                      [illegible]   11.[illegible]   11.
                                                      [illegible]   [illegible]   [illegible]
                                                      [illegible]   [illegible]   [illegible]
                                                      [illegible]   [illegible]   [illegible]
                                                      [illegible]   .1   [illegible]
                                                      [illegible]   [illegible]   [illegible]
                                                      [illegible]   [illegible]   [illegible]
     [illegible]     .1                               1[illegible].   [illegible]   [illegible]
                                                      [illegible]   [illegible]   [illegible]
•••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••

//////////////////////////////////////////////////////////  17.[illegible]  ////////////
     [illegible]     .1                               1[illegible].[illegible]   [illegible]   [illegible]
[illegible]
•••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••
```

C - 4 - [illegible]

b

```
OPERATING LOCATION "A"          PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
USAFETAC, ASHEVILLE NC                         [illegible]

STATION [illegible]: 725[illegible]     STATION NAME: [illegible]
                                LST TO UTC: + 5                                [illegible]
..........................................................................................
                                                    WIND SPEED IN KNOTS
   DIRECTION        1-4     5-9   10-14   15-19   20-24   25-29   [illegible]
   (DEGREES)
..........................................................................................
(N) 350-010         2.3     4.4    1.5      .1

    020-040          .3     1.4     .2      .3      .3

    050-070          .4      .2

(E) 080-100                  .1     .1

    110-130                         .1      .2      .2

    140-160          .[illegible]      .1             .2      .1      .1

(S) 170-190         1.7      .3

    200-220          .4   [illegible]     .4      .2

    230-250          .[illegible]     5.4    1.1

(W) 260-280         7.3     7.3    2.2     1.2

    290-310          5.[illegible]    4.7    4.[illegible]     1.[illegible]      .[illegible]

    320-340          4.[illegible]    4.[illegible]    1.3      .4
..........................................................................................
    VARIABLE

    CALM       ////////////////////////////////////////////////////////////////

    TOTALS          34.5    37.4   12.4     4.4     1.1      .1

                                          TOTAL NUMBER OF OBSERVATIONS   [illegible]
..........................................................................................
```

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]

OPERATIONAL STATISTICS [illegible]

JSA-[illegible]

STATION [illegible] STATISTICS [illegible]

[illegible] STATION (SORTIES)	1-[illegible]	[illegible]-[illegible]	10-1[illegible]	[illegible]-1[illegible]	[illegible]
(M) 3[illegible]-3[illegible]	1.3	1.2	2.[illegible]		
3[illegible]-3[illegible]	1.[illegible]	1.7	.	.[illegible]	.1
[illegible]-[illegible]	.	.1			
(S) [illegible]-1[illegible]	.2				
110-1[illegible]	.1				
1[illegible]-1[illegible]	.	.[illegible]	.[illegible]	.[illegible]	.[illegible]
(S) 17[illegible]-1[illegible]	1.2	.[illegible]	.1		
[illegible]	.1	1.[illegible]	.[illegible]	.1	
[illegible]	[illegible]	[illegible]	1.[illegible]	.1	.[illegible]
(A) [illegible]	.	[illegible]	[illegible]	.[illegible]	.1
[illegible]	.[illegible]	[illegible]	[illegible]	1.[illegible]	.[illegible]
[illegible]	[illegible]	[illegible]	1.[illegible]	.[illegible]	
VARIABLE					
CALM	//				
TOTALS	[illegible].7	[illegible]	14.[illegible]	[illegible]	1.[illegible]

TOTAL NUMBER OF [illegible] DATE [illegible]

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	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION: [illegible]
USAFTRC, [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]

DIRECTION (DEG. TRUE)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(N) 350-[illegible]	2.7	[illegible]	[illegible]	[illegible]		
[illegible]	.2	1.[illegible]	.[illegible]	.2	.1	
[illegible]	.4	.3				
(E) [illegible]	.2	.1				
110-1[illegible]	.4	.2	.[illegible]			
1[illegible]-1[illegible]	.	.2	.[illegible]	.1		
(S) 170-1[illegible]	.3	1.[illegible]	1.[illegible]			
[illegible]	1.2	1.[illegible]	.1			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	
(W) 260-[illegible]	.4	2.[illegible]	[illegible]	1.[illegible]	.[illegible]	.1
2[illegible]-[illegible]	4.[illegible]	[illegible]	7.[illegible]	2.1	.[illegible]	
3[illegible]-[illegible]	.2	4.[illegible]	1.2	.[illegible]	.1	
VARIABLE						
CALM						
TOTALS	[illegible]	31.[illegible]	[illegible]	[illegible]	1.[illegible]	.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]				
(3) [illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
(4) [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

OPERATING LOCATE [illegible]
USAFTIS, [illegible]

STATI[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]		
(-) [illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
(J) [illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(J) [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]					
[illegible]					
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[illegible]
[illegible]

[illegible]                      [illegible]: JUL 7[illegible] - [illegible]
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...............................................................................
[illegible]
[illegible]                                                   T[illegible]   [illegible]   [illegible]
...............................................................................
                                                              4.[illegible]   [illegible]   [illegible]
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                                                              [illegible]   [illegible].1   [illegible]
                                                              1.1   [illegible]   [illegible]
                                                              [illegible]   [illegible].4   [illegible]
                                                              [illegible]   [illegible]   [illegible]
                                                              [illegible]   [illegible]   [illegible]
                                                              [illegible].7   [illegible]   [illegible]
 [illegible]                                                  [illegible]   [illegible]   [illegible]
 [illegible]                                                  17.[illegible]   [illegible]   [illegible]
 [illegible]                                                  [illegible].7   1[illegible].7   1[illegible]
 [illegible]                                                  [illegible]   7.[illegible]   [illegible]
...............................................................................

/////////////////////////////////////////////////////////   11.1   /////////////
[illegible]                                                 100.0   [illegible]   [illegible]
[illegible]
...............................................................................
```

6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OVERALL [illegible]
USAFETAC, ASH VILLE NC HOURLY OBSERVATIONS

STATION NAME: [illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 2 [illegible]

DIR (TENS) (DEGREES)	WIND SPEED (KNOTS) 1-4	5-8	10-14	17-19	20-24	25-29	30-34	35-39	40-49
(N) 350-[illegible]	3.1	2.4	1.3		.1				
[illegible]-[illegible]	[illegible]	1.5	.[illegible]						
[illegible]-[illegible]	.[illegible]	.[illegible]	.4						
(E) [illegible]-1[illegible]	.2	.3			.1				
110-130	.	.3	.[illegible]						
140-160	1.1	.3	.1	.2					
(S) 170-[illegible]	[illegible]	1.[illegible]	.[illegible]						
[illegible]-[illegible]	[illegible]	1.7							
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]	.3					
(W) [illegible]-[illegible]	.7	[illegible]	[illegible]	.2					
[illegible]-[illegible]	[illegible]	7.1	7.[illegible]	1.[illegible]	.1				
[illegible]-340	[illegible]	2.3	1.[illegible]	.2	.1	.1			
VARIABLE									
CALM	//								
TOTALS	[illegible]	[illegible]	1[illegible]	[illegible]	.4	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

C - 4 - [illegible]

A

[illegible] OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] FOR VARIOUS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: JAN HOURS: 1[illegible]-20

[illegible] KNOTS [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL %	[illegible]	[illegible]
.1						[illegible]	[illegible]	[illegible]
						4.[illegible]	[illegible]	[illegible]
						1.7	[illegible]	[illegible]
.1						[illegible]	[illegible]	[illegible]
						1.[illegible]	[illegible]	[illegible]
						1.[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						11.[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
.1						1[illegible]	[illegible]	[illegible]
.1	.1					7.[illegible]	7.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.[illegible]	[illegible]	[illegible]
.[illegible]	.1					100.[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY [illegible]
USAFETAC, [illegible]

STATION NAME: [illegible] STATION NUMBER: [illegible]
LST TO UTC: [illegible]

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	[illegible]	[illegible]	[illegible]						
020-040	1.7	2.[illegible]	.2	.3					
050-070	.4	.4	.2		.2				
(E) [illegible]-100	.2	.2				.1			
110-130	.3	.5	.1						
140-160	.4	.2	.2						
(S) 170-190	3.1	[illegible]	.4						
200-220	3.3	1.[illegible]	.1						
230-250	14.7	5.1	2.[illegible]	.4					
(W) 260-280	[illegible]	7.3	[illegible]	[illegible]	.2				
290-310	4.1	7.[illegible]	5.[illegible]	1.[illegible]	.0				
320-340	3.7	2.5	1.4	.2					
VARIABLE									
CALM	//								
TOTALS	[illegible]	31.[illegible]	17.[illegible]	3.[illegible]	.[illegible]	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] SAMPLE [illegible] STATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS 1-24	25-29	30-34	35-39	40-49	50-64	65-UP	TOTAL %	MEAN WIND	MODIFIED WIND
							7.2	[illegible]	[illegible]
							4.4	[illegible].1	[illegible]
.1							1.3	[illegible]	[illegible]
	.1						[illegible]	[illegible]	[illegible]
							1.3	[illegible].4	[illegible]
							[illegible]	[illegible]	[illegible]
							4.3	[illegible]	[illegible]
							4.2	[illegible].4	[illegible]
							12.[illegible]	[illegible]	[illegible]
.1							21.[illegible]	[illegible]	[illegible]
.							17.[illegible]	[illegible].7	[illegible]
							7.1	[illegible]	[illegible]
//							15.4	//////////////	
.	.1						1[illegible]	[illegible]	[illegible]

TOTAL OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 725255 STATION NAME: PEASE AFB NH PERIOD:
LST TO UTC: + 5 YEARS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-
(N) 350-010	2.4	3.1	1.6	.2	.0					
020-040	1.3	1.7	.5	.2	.1					
050-070	.2	.4	.1		.0					
(E) 080-100	.3	.1	.1	.0	.0	.0				
110-130	.0	.2	.2	.1	.0					
140-160	.0	.4	.2	.2	.1	.0				
(S) 170-190	1.9	1.5	.8	.0						
200-220	2.0	2.1	.3	.1	.0					
230-250	4.4	4.5	1.7	.2	.1					
(W) 260-280	5.4	7.5	4.[illegible]	1.3	.3	.0				
290-310	4.2	5.0	5.1	2.0	.5	.0				
320-340	4.4	3.1	1.5	.4	.2	.1				
VARIABLE										
CALM										
TOTALS	30.6	23.8	15.2	5.8	1.2					

TOTAL NUMBER OF OBSERVATIONS 7449

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AT [illegible] PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: JAN HOURS: ALL

SPEED KNOTS							TOTAL	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	%	[illegible]	[illegible]
[illegible]							7.4	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							1.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]							1.1	[illegible]	[illegible]
[illegible]	[illegible]						1.[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							11.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible].1	[illegible]	[illegible]
[illegible]	[illegible]						[illegible].[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]							14.[illegible]		
[illegible]							100.0	[illegible].1	[illegible]

[illegible] OBSERVATIONS 7440

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]

LST TO UTC: + 5

CATEGORY A: CEILING OF 200 FEET BUT LESS THAN 1000 FEET AND/OR VISIBILITY [illegible] AND/OR VISIBILITY OF 1/2 MILE (800 METERS) BUT LESS THAN [illegible] MILES ([illegible])

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-010	2.6	4.2	5.1	.2					
020-040	[illegible]	5.2	2.[illegible]	.[illegible]	.2				
050-070	1.3	1.[illegible]	.[illegible]		.1				
(E) 080-100	.[illegible]	.7	.2						
110-130	1.1	1.[illegible]	1.[illegible]	.7	.[illegible]				
140-160	1.2	1.[illegible]	1.1	1.7	.[illegible]	.1			
(S) 170-190	2.[illegible]	2.1	1.0	.1					
200-220	1.[illegible]	1.9		.1	.2				
230-250	1.1	1.1							
(W) 260-280	2.5	[illegible]	.2	.1					
290-310	1.7	1.1	1.[illegible]						
320-340	.1	5.3	2.[illegible]	.4					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	41.2	33.7	15.[illegible]	4.1	1.3	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] MISSING RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: JAN HOURS: ALL

[illegible] VISIBILITY 1/2 MILE (800 METERS).

[illegible] LESS THAN [illegible] MILES (4830 METERS) WITH CEILING OF 200 FEET.

[illegible] KNOTS 1-[illegible]	2-24	25-34	35-39	40-49	50-54	55-99	TOTAL %	MEAN [illegible]	MEDIAN [illegible]
							22.6	[illegible].7	[illegible]
.2							10.[illegible]	[illegible]	[illegible]
.1							3.6	[illegible].2	[illegible]
							1.[illegible]	[illegible].1	[illegible]
[illegible]							4.[illegible]	1[illegible].3	1[illegible]
[illegible]	.1						[illegible]	11.3	11.[illegible]
							[illegible]	[illegible].2	[illegible]
[illegible]							3.[illegible]	[illegible].7	[illegible]
							2.2	4.3	[illegible]
							3.[illegible]	[illegible]	[illegible]
							4.[illegible]	[illegible]	[illegible]
							17.1	[illegible]	[illegible]
//							12.[illegible]	//////////////	
1.[illegible]	.1						100.[illegible]	[illegible].1	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]

STATION NUMBER: 723065 STATION NAME: [illegible] LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-7	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	4.5	4.2	.5	.6					
020-040	2.5	2.4	1.4	.4					
050-070	.1	.2	.2						
(E) 080-100	.7	.2	.2	.2	.1	.1			
110-130	.1	.1	.1	.2					
140-160	.1	1.	.1						
(S) 170-190	1.[illegible]	.1	.1						
200-220	3.1	2.[illegible]	.[illegible]						
230-250	[illegible]	3.2	.4	.1					
(W) 260-280	5.7	2.1	1.1	.5	.1				
290-310	[illegible]	3.7	5.3	.7	.4				
320-340	2.[illegible]	7.1	.[illegible]	.6	.1				
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	34.3	33.7	12.3	2.3	.7	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]QUENCY OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: FEB HOURS: 00-02

[illegible] SPEED (KNOTS) [illegible]-[illegible]	[illegible]-27	28-36	37-47	48-63	64-[illegible]	65 UP	TOTAL %	[illegible] %	[illegible] %
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						100.[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

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OPERATING LOCATION "A"          PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE NC                         [illegible]

STATION NUMBER: 72[illegible]     STATION NAME: [illegible]                    [illegible]
                             LST TO GMT: + 5                                    [illegible]
...........................................................................................
                                                     [illegible]
   DIRECTION       1-4     5-9   10-14   15-19   [illegible]
   (DEGREES)
...........................................................................................
(N) 350-01[illegible]    .1     4.5     1.[illegible]      .7

    020-0[illegible]     1.[illegible]    [illegible]     .[illegible]      .4

    0[illegible]-07[illegible]      .7     1.[illegible]      .1

(E) [illegible]-1[illegible]      .[illegible]             .[illegible]      .1

    11[illegible]-1[illegible]      .[illegible]      .[illegible]      .       .[illegible]

    14[illegible]-1[illegible]     1.[illegible]      .[illegible]      .[illegible]

(S) 17[illegible]-1[illegible]     1.      .[illegible]      .[illegible]

    2[illegible]-[illegible]      [illegible].[illegible]     [illegible].7      .1

    2[illegible]-[illegible]      .[illegible]     [illegible].1      .[illegible]

(W) [illegible]-2[illegible]      .[illegible]     7.2     1.[illegible]      .7

    2[illegible]-[illegible]     [illegible].[illegible]     7.4     [illegible].[illegible]      .[illegible]      .[illegible]

    3[illegible]-[illegible]     [illegible].7     [illegible].[illegible]     1.

...........................................................................................
   VARIABLE

   CALM       ////////////////////////////////////////////////////////////////////////

   TOTAL      [illegible].[illegible]    [illegible].    1[illegible].[illegible]     [illegible].[illegible]      .[illegible]

                               TOTAL [illegible] OBSERVATIONS      [illegible]
...........................................................................................
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							TOTAL		

OPERATING LOGISTICS MAN [illegible]
USAFTAS, [illegible]

STATION [illegible] STATION [illegible]
[illegible]

STATION (PERCENTAGE)	[illegible]	[illegible]	13-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(N) 350-[illegible]	.7	[illegible]	1.[illegible]	.7	.1			
[illegible]	.1	[illegible]	[illegible]	.1				
[illegible]	[illegible]	[illegible]	[illegible]	.1				
(E) 080-[illegible]	[illegible]	.2	.7	.1				
110-[illegible]	.3	.1	[illegible]	.4				
[illegible]	[illegible]	.1	[illegible]					
(S) 170-[illegible]	[illegible]	[illegible]	[illegible]	.1				
[illegible]	.3	[illegible]						
[illegible]	.1	[illegible]	[illegible]					
(W) 260-[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]		.1		
[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	1.1	[illegible]				
VARIABLE								
CALM								
TOTALS	[illegible]	31.[illegible]	14.7	[illegible]	[illegible]	.1		

[illegible]

SUMMARY OF [illegible] SPEED AND DISTRIBUTION VERSUS [illegible]
[illegible] ENTITY [illegible] ENTITIES

[illegible] PERIOD: JUL 79 - JUN [illegible]
MONTH: FEB [illegible] HOURS: 06-09

[illegible]	20-29	30-39	40-49	50-59	60-69	70-79	TOTAL %	[illegible]	[illegible]
.1							11.7	[illegible]	[illegible]
							6.1	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	13.[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	7.1	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
	.1						14.7	[illegible]	[illegible]
.							12.7	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							17.[illegible]	[illegible]	
.	.1						100.[illegible]	[illegible]	[illegible]

[illegible] ENTITIES [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USA-TAC, ASHEVILLE NC FROM HOURLY [illegible] WITH [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-[illegible]
(N) 350-010	2.2	4.[illegible]	2.2	.5	.2				
020-040	2.1	2.[illegible]	2.[illegible]						
050-070	1.1	1.2	.9	.4					
(E) 080-100	.7	.8	.7						
110-130	.3	.6	.1						
140-160	.1	.[illegible]	.4	.[illegible]	.[illegible]				
(S) 170-190	.5	.5	.2						
200-220	1.4	2.2	1.3						
230-250	[illegible]	4.[illegible]	1.[illegible]	.1					
(W) 260-280	[illegible]	6.9	[illegible]	.4	.3				
290-310	[illegible]	5.1	4.1	[illegible]	.9				
320-340	[illegible]	[illegible]	1.[illegible]	.4					
VARIABLE									
CALM	//////////								
TOTALS	[illegible]	35.4	23.6	[illegible]	[illegible]				

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY U.S. NAVY OBS

[illegible] PERIOD OF OBSERVATION: JUL 79 - JUN [illegible]
MONTH: FEB HOURS: 00-11

WIND SPEED IN KNOTS [illegible]	27-33	34-40	41-47	48-54	55-63	TOTAL %	[illegible] WIND	[illegible] WIND
.2						11.0	7.5	6.2
						[illegible]	7.6	7.[illegible]
						3.[illegible]	7.7	7.[illegible]
						2.[illegible]	7.2	7.[illegible]
						1.2	[illegible]	[illegible]
.[illegible]						1.[illegible]	13.[illegible]	1[illegible]
						1.2	5.2	9.2
						4.[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
.3[illegible]						1[illegible].0	[illegible]	[illegible]
.[illegible]						2[illegible].1	1[illegible]	1[illegible]
						11.[illegible]	[illegible]	[illegible]
//////////						1[illegible]	//////////	
.[illegible]						1[illegible].[illegible]	7.[illegible]	7.[illegible]

[illegible] OBS/ OBSERVATIONS [illegible]

OPERATING LOCATION: WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE, NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB, NH PERIOD
LST TO UTC: + 5 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(N) 350-010	1.4	2.8	2.6	.6					
020-040	1.4	2.4	.7	.6					
050-070	1.2	2.2	.5	.4					
(E) 080-100	1.5	1.2	.4						
110-130	1.2	2.2	.2						
140-160	.7	2.5	.7	.4					
(S) 170-190	.7	1.3			.1				
200-220	1.1	2.2	.7						
230-250	2.7	5.5	2.5	.1					
(W) 260-280	3.2	5.9	7.5	1.2	.2				
290-310	.5	3.4	10.1	3.[illegible]	.				
320-340	1.[illegible]	4.1	3.1	.[illegible]	.7				
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	1[illegible].5	37.1	29.1	7.7	1.[illegible]				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

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  FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
       FROM HOURLY OBSERVATIONS

STATION                          PERIOD OF RECORD:  JUL 79 - JUN 8[illegible]
                                 MONTH: FEB     HOURS: 12-14
.................................................................
 WIND SPEED IN KNOTS
[illegible]-24  25-29  30-34  35-39  40-49  50-64  GE 65   TOTAL  MEAN  MEDIAN
                                                     %    WIND   WIND
.................................................................
                                                    7.4    5.7   [illegible]

                                                    5.7    7.5    6.5

                                                    4.1    6.9    5.0

                                                    3.2    5.2    4.0

                                                    3.7    5.5   [illegible]

                                                    4.4    5.1     .0

   .1                                               2.1    6.0    4.8

                                                    4.0    5.4    7.0

                                                   10.5    6.[illegible]    7.0

   .2                                              19.1    9.9    9.0

   .                                               17.5   12.3   12.0

   .7                                              11.5    6.7     .0
.................................................................

//////////////////////////////////////////////////     6.7  /////////////

  .[illegible]                                           100.0    9.1    5.9

   NO OF OBSERVATIONS    849
.................................................................
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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723096 STATION NAME: PLEASE ADD NA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45
(N) 350-010	1.2	2.0	1.5	.2						
020-040	2.5	1.9	1.2	.5	.1					
050-070	1.5	2.1	.4	.1	.4					
(E) 080-100	1.4	1.9	.5							
110-130	2.2	2.1	.1							
140-160	2.[illegible]	3.2	1.2	.4						
(S) 170-190	1.4	1.1	.1	.1						
200-220	2.2	2.2	.2							
230-250	1.[illegible]	2.[illegible]	1.1	.1						
(W) 260-280	2.4	7.[illegible]	5.7	1.1						
290-310	1.1	7.1	11.1	2.9	1.1					
320-340	2.[illegible]	4.1	3.7	.1	.1					
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	23.9	37.4	24.9	5.6	1.7					

TOTAL NUMBER OF OBSERVATIONS [illegible]

UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7? - JUN ??
MONTH: FEB HOURS: 15-17

WIND SPEED IN KNOTS

-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	[illegible] WIND
							5.5	7.1	[illegible]
.1							6.2	7.5	[illegible]
.4							4.7	[illegible]	[illegible]
							3.9	5.6	[illegible]
							4.5	6.1	4.[illegible]
							7.7	[illegible]	[illegible]
							2.7	5.2	[illegible]
							4.7	5.1	[illegible]
							[illegible]	[illegible]	[illegible]
							14.[illegible]	[illegible].1	[illegible]
1.1							23.2	11.1	1[illegible]
.1							10.[illegible]	[illegible]	[illegible]
//////	//////	//////	//////	//////	//////	//////	6.1	//////	//////
1.7							100.0	7.5	7.[illegible]

OBSERVATIONS 844

D - 4 - 15

0

OPERATING LOCATION MAP PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAARTAC, ASHEVILLE NC FOR MONTHLY [illegible] VARIOUS

STATION NUMBER: 726255 STATION NAME: PHASE [illegible] [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-010	2.7	1.3	.7	.2	.1				
020-040	2.2	2.2	1.2	.1					
050-070	1.4	1.2		.4					
(E) 080-100	.3	.2	.1						
110-130	1.5	.4		.1					
140-160	3.1	1.9	.3	.1					
(S) 170-190	4.2	1.2		.2					
200-220	3.5	1.3	.1						
230-250	3.3	1.6	.7	.1					
(W) 260-280	3.3	3.3	1.2	.1					
290-310	4.3	13.7	5.5	3.3	.2				
320-340	3.2	4.1	2.5	.2					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	35.4	31.2	13.2	4.3	.3				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUN
MONTH: FEB HOURS: 13-20

DIRECTION	SPEED IN KNOTS 1-4	5-8	9-14	15-20	21-26	27-32	33-34	35-40	41-48	49-54	55-56	TOTAL %	[illegible]	[illegible]
[illegible]	.1											5.5	[illegible]	[illegible]
[illegible]												7.5	[illegible]	[illegible]
[illegible]												[illegible]	[illegible]	[illegible]
[illegible]												1.5	[illegible]	[illegible]
[illegible]												2.1	[illegible]	[illegible]
[illegible]												[illegible]	[illegible]	[illegible]
[illegible]												5.7	4.3	[illegible]
[illegible]												[illegible]	[illegible]	[illegible]
[illegible]												[illegible]	[illegible]	[illegible]
[illegible]												11.1	[illegible]	[illegible]
[illegible]	.1											[illegible]	[illegible]	[illegible]
[illegible]												[illegible]	7.3	[illegible]
[illegible]												14.1		
[illegible]												100.0	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 725065 STATION NAME: [illegible]
LOG ID NO: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-010	2.5	3.4	[illegible]	.2	.4				
020-040	1.[illegible]	2.[illegible]	1.3	.5	.1				
050-070	.2	.[illegible]	.1	.3	.1				
(E) 080-100	.7	.1	.1	.1					
110-130	.[illegible]	.7	.[illegible]						
140-160	.[illegible]	1.[illegible]	.4	.1					
(S) 170-190	1.7	1.[illegible]	.1	.1					
200-220	[illegible].3	2.4	.4						
230-250	.1	1.2	.[illegible]						
(W) 260-280	[illegible]	5.1	1.[illegible]	.2					
290-310	[illegible].4	7.4	5.4	1.1	.1				
320-340	[illegible].7	3.[illegible]	1.[illegible]	.5	.[illegible]				
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	34.6	33.9	12.[illegible]	3.6	.[illegible]				

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBS. PATTERNS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: [illegible] HOURS: 21-23

[illegible] DIRECTION	20-24	30-34	[illegible]	40-44	50-54	55-59	TOTAL %	[illegible]	[illegible]
[illegible]							3.1	[illegible]	[illegible]
[illegible]							[illegible]	7.5	[illegible]
[illegible]							1.[illegible]	[illegible]	[illegible]
[illegible]							1.1	[illegible]	[illegible]
[illegible]							1.[illegible]	7.1	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	4.7	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							1[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	7.7	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							17.[illegible]		
[illegible]							1[illegible]	[illegible]	[illegible]

[illegible] PATTERNS [illegible]

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-7	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	3.3	3.8	1.4	.9	.1				
020-040	2.1	2.6	1.5	.4	.1				
050-070	.9	1.2	.4	.2	.1				
(E) 080-100	.3	.1	.4	.1	.1	.1			
110-130	.1	.	.3	.1					
140-160	1.0	1.4	.	.1	.1				
(S) 170-190	1.5	1.5	.2	.1	.1				
200-220	1.7	1.4	.4						
230-250	.1	3.4	.7	.1					
(W) 260-280	7.1	5.7	2.7	.5	.1	.1			
290-310	4.1	7.1	7.0	1.7	.				
320-340	3.1	3.5	1.1	.3	.1				
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	23.5	31.1	17.1	4.5	.4				

TOTAL NUMBER OF OBSERVATIONS 1742

A

```
[illegible]
[illegible]

[illegible]                                   [illegible] JUL 77 - J[illegible]
......................................................................
[illegible] IN KNOTS
[illegible]  [illegible]-34  [illegible]  [illegible]  [illegible]  [illegible]  TOTAL  [illegible]
......................................................................

......................................................................
 .1                                                  [illegible]   [illegible]   [illegible]
 .                                                   [illegible]   7.1     .[illegible]
 .1                                                  2.    [illegible]   [illegible]
 .        .                                          [illegible]   [illegible]   [illegible]
                                                     2.    [illegible]    .
 .                                                   [illegible]   [illegible]   [illegible]
 .                                                   [illegible]   [illegible]   .
                                                     [illegible]    .1     .
                                                     [illegible]   [illegible]    .
 .1       .                                          1[illegible].   [illegible]   [illegible]
 .                                                   [illegible]   [illegible].1    .
 .1                                                  [illegible]   [illegible]    .
......................................................................

/////////////////////////////////////////////////  1[illegible].1  /////////////

 .                                                  100.0   [illegible].2    .
[illegible] OBSERVATIONS [illegible]
......................................................................
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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF [illegible]
[illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]

CATEGORY [illegible]

VISIBILITY IN 1/2 MILE (ALL DIRECTIONS) [illegible]

SI LIMITS (DEGREES)	1-4	5-8	9-14	15-19	20-24	25-29	30-34	[illegible]
(3) 350-10	.7	2.4	[illegible]	1.4	.2			
020-040	[illegible]	[illegible]	2.4	1.1	.1			
050-070	1.7	[illegible]	[illegible]	1.7	[illegible]			
(4) 080-100	[illegible]	2.2	[illegible]	.3	.1	.1		
110-130	.	1.1	1.4	1.3				
140-160	1.3	1.2	.1	[illegible]	.4			
(5) 170-190	1.3	.4	.7	[illegible]	.1			
200-220	.	[illegible]						
230-250	.	1.4	.4					
(6) 260-280	1.4	.7						
290-310	1.4	.4	[illegible]		.1			
320-340	[illegible]	[illegible]	[illegible]	.2	.1			
VARIABLE								
CALM	//							
TOTALS	[illegible]	32.3	16.7	[illegible]	1.5	.1		

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: FEB HOURS: ALL

[illegible] WITH VISIBILITY [illegible] 1/2 MILE (800 METERS).

[illegible] WITH VISIBILITY LESS THAN 3 MILES (4800 METERS) WITH CEILING [illegible] FT.

[illegible] TARGETS									
[illegible]	25-29	30-34	35-39	40-49	50-54	55-65	TOTAL %	[illegible] WIND	[illegible] WIND
.2							22.2	7.2	5.2
.1							19.[illegible]	7.[illegible]	[illegible]
.[illegible]							7.8	[illegible]	7.[illegible]
.1	.1						[illegible]	2.7	[illegible]
							4.[illegible]	10.[illegible]	16.[illegible]
.4							4.4	2.7	[illegible]
.1							[illegible]	6.6	11.[illegible]
							1.[illegible]	[illegible]	.[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
.1							[illegible]	[illegible]	[illegible]
.1							11.[illegible]	6.7	[illegible]
//////////	//////////	//////////	//////////	//////////	//////////	//////////	12.[illegible]	//////////	//////////
[illegible]	.1						100.[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

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OPERATING LOCATION "A"            PERCENTAGE FREQUENCY [illegible]
USAFETAC, ASHEVILLE NC                        [illegible] HOURLY [illegible]

STATION NUMBER: 726055     STATION NAME: PEASE AFB NH                    PERIOD
                           LST TO UTC: + 5                               MONTH:
.............................................................................
                                                   WIND SPEED IN KNOTS
    DIRECTION      1-4     5-9   10-14   15-19   20-24   25-29   30-34   35-39   40-49
    (DEGREES)
.............................................................................
(N) 350-010        2.5     3.4    1.4     .5

    020-040        1.1     4.[illegible]    2.4     .2

    050-070        .[illegible]      1.[illegible]    1.1     .2      .1

(E) 080-100        .3      .4     .1

    110-130        .[illegible]             .[illegible]      .1

    140-160        [illegible]     .[illegible]      .[illegible]

(S) 170-190        1.4     .[illegible]      .[illegible]

    200-220        [illegible].4     1.      .[illegible]

    230-250        [illegible]     2.[illegible]    .4      .1

(W) 260-280        [illegible]     2.1    [illegible]     1.[illegible]     .4

    290-310        [illegible].1     [illegible].2    [illegible].3     .[illegible]      .1      .1

    320-340        [illegible]     [illegible].4    1.[illegible]     .[illegible]

.............................................................................
    VARIABLE

    CALM         ////////////////////////////////////////////////////////////////

    TOTALS         3[illegible].4    27.2   14.[illegible]    3.[illegible]     .[illegible]      .1

                                  TOTAL NUMBER OF OBSERVATIONS    [illegible]
.............................................................................
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A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: AUG HOURS: [illegible]

WIND SPEED (KNOTS) [illegible]-4	5-[illegible]	30-34	35-39	40-49	50-64	65	TOTAL %	MEAN WIND	MEAN WIND
							8.2	7.1	7.2
							8.6	7.[illegible]	[illegible]
.1							3.1	.[illegible]	[illegible]
							.2	5.2	5.2
							1.2	5.[illegible]	3.[illegible]
							3.[illegible]	4.[illegible]	4.0
							2.4	4.[illegible]	4.[illegible]
							5.5	4.[illegible]	4.[illegible]
							9.[illegible]	4.4	4.[illegible]
.4							13.4	[illegible]	4.[illegible]
.1	.1						15.[illegible]	7.[illegible]	7.[illegible]
							7.[illegible]	5.[illegible]	[illegible]
//////////	//////////	//////////	//////////	//////////	//////////	//////////	23.[illegible]	//////////	//////////
.[illegible]	.1						100.[illegible]	6.[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCE, SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723055 STATION NAME: [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(N) 350-010	2.2	3.4	1.[illegible]	.2					
020-040	2.6	3.0	2.4	.2					
050-070	.0	1.1	.8	.4	.2				
(E) 080-100	.2	.2	.1	.3					
110-130	.4	.2	.6	.1					
140-160	1.4	.4	.4						
(S) 170-190	1.2	.5	.2						
200-220	1.[illegible]	1.[illegible]							
230-250	4.[illegible]	2.3	.[illegible]	.3					
(W) 260-280	6.7	3.[illegible]	1.6	.4	.3				
290-310	.7	5.[illegible]	3.[illegible]	1.4					
320-340	4.4	3.2	1.7	.4					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	31.[illegible]	26.7	13.[illegible]	4.2	.5				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL 77
MONTH: MAR HOURS: 03-05

WIND SPEED IN KNOTS [illegible]-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	65 AND	TOTAL %	MEAN WIND	PREVAIL WIND
									7.3	5.9	[illegible]
									8.7	7.0	[illegible]
									8.2	10.5	[illegible]
									.9	3.2	10.5
									1.3	[illegible]	[illegible]
									2.3	[illegible].1	4.0
									1.9	[illegible]	[illegible]
									4.3	4.4	[illegible]
									[illegible]	[illegible]	[illegible]
									13.5	[illegible]	[illegible]
									10.2	7.0	[illegible]
									[illegible]	4.1	[illegible]
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.7	//////////	//////////
									100.0	8.1	3.0

[illegible] OBSERVATIONS 939

6

OPERATIONS LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE BETWEEN [illegible]
USAFETAC, 437 WILL [illegible] NC [illegible] WATER

STATION NUMBER: 72[illegible] STATION NAME: [illegible] PERIOD [illegible]
LST TO UTC: + 5 YEARS: [illegible]

DIRECTION (TENTHS)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	[illegible]
(N) 350-010	[illegible]	3.7	[illegible]	[illegible]						
020-040	3.5	3.7	2.7	.2						
050-070	.1	1.7	.5	.3	.4					
(E) 080-100	.3	.1	.1	.2						
110-130	.4	.3	.2	.2						
140-160	1.7	.4	.4	.5						
(S) 170-190	1.6	[illegible]	.3							
200-220	[illegible]	1.5	.3							
230-250	.1	1.[illegible]	.[illegible]							
(W) 260-280	.3	[illegible]	3.4	[illegible]	[illegible]					
290-310	.1	.2	[illegible]	1.[illegible]	[illegible]					
320-340	[illegible]	.5	1.[illegible]	[illegible]						
VARIABLE										
CALM	//////////									
TOTALS	51.5	24.4	15.[illegible]	4.[illegible]	1.[illegible]					

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUN 80
MONTH: MAR HOURS: 06-09

WIND DIRECTION	1-4	5-10	11-16	17-22	23-27	28-33	34-40	41-47	48-55	56-63	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]											[illegible]	7.2	[illegible]
[illegible]											9.6	7.0	7.[illegible]
[illegible]											3.[illegible]	9.2	[illegible]
[illegible]											[illegible]	9.3	7.0
[illegible]											1.[illegible]	7.8	[illegible]
[illegible]											2.[illegible]	7.7	[illegible]
[illegible]											2.[illegible]	4.[illegible]	[illegible]
[illegible]											4.2	5.1	[illegible]
[illegible]											[illegible]	4.[illegible]	[illegible]
[illegible]											12.[illegible]	7.1	[illegible]
[illegible]											14.[illegible]	7.[illegible]	[illegible]
[illegible]											11.[illegible]	[illegible].1	[illegible]
VRB											17.[illegible]		
TOTAL											100.0	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible]

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-3	4-9	10-14	15-19	20-24	25-[illegible]	30-34	35-[illegible]	40-[illegible]
(N) 350-010	[illegible]	[illegible]	[illegible]	.2					
020-040	[illegible]	[illegible]	[illegible]	.2					
050-070	[illegible]	[illegible]	[illegible]	.2	.3				
(E) 080-100	[illegible]	[illegible]	[illegible]	.1					
110-130	[illegible]	[illegible]	[illegible]	.2					
140-160	.2	[illegible]	[illegible]	.2					
(S) 170-190	[illegible]	[illegible]	[illegible]	.1					
200-220	[illegible]	[illegible]	.3						
230-250	[illegible]	[illegible]	[illegible]	.2	.1				
(W) 260-280	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
290-310	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
320-340	[illegible]	[illegible]	[illegible]	.2	.1				
VARIABLE									
CALM	//////////								
TOTALS	[illegible]	[illegible]	25.[illegible]	7.[illegible]	1.[illegible]				

TOTAL NUMBER OF OBSERVATIONS [illegible]

C - 4 - 34

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: MAR HOURS: 23-11

[illegible] KNOTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL %	[illegible] SPD	[illegible] SPD
[illegible]							[illegible]	7.3	7.2
[illegible]							13.4	7.1	7.0
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	7.0	[illegible]
[illegible]							3.2	[illegible]	7.0
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	7.1	7.1
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							19.2	12.1	12.1
[illegible]							14.7	11.[illegible]	12.[illegible]
[illegible]							12.[illegible]	7.5	7.2
//////////							[illegible].1	//////////	
[illegible]							100.0	7.5	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY OBS [illegible]

STATION NUMBER: 723065 STATION NAME: BLACK [illegible] LAT [illegible]
LST TO UTC: + 5 LONGITUDE: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	[illegible]
(N) 350-010	1.0	4.2	2.5	.1						
020-040	.2	2.4	1.7	.2	.1					
050-070	1.4	3.2	2.0	.2	.2					
(E) 080-100	1.2	3.6	1.2	.2						
110-130	1.0	7.2	.0							
140-160	1.1	4.2	1.0	.4	.2					
(S) 170-190	.2	1.0	.2	.1						
200-220	1.0	2.0	1.3	.2						
230-250	1.1	2.5	1.7	.2						
(W) 260-280	1.2	1.8	5.7	1.0	.2	.1				
290-310	.7	3.1	6.0	4.2	1.5	.2				
320-340	1.5	3.7	3.0	.9	.1					
VARIABLE										
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	14.7	41.0	28.7	8.3	2.0	.0				

TOTAL NUMBER OF OBSERVATIONS [illegible]

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
PERCENTAGE OBS VARIES

PERIOD OF RECORD: JUL 79 - JUN 80
MONTH: ALL HOURS: 12-14

WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-55	TOTAL %	ERR MISS	ERROR RATIO
							7.7	5.1	3.9
.1							5.3	3.3	7.0
.							7.5	4.2	5.3
							7.0	6.2	5.3
							9.4	5.4	1.3
.							7.2	1.5	1.4
							2.6	3.1	3.2
							4.1	1.0	7.5
							1.2	7.0	7.2
.	.1						15.7	15.4	13.3
.3	.2						15.2	15.3	12.3
.1							9.1	9.1	9.0
//							2.7	//////////////	
.1	.1						100.0	1.3	1.2

OBSERVATIONS 492

D

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE [illegible]
FROM [illegible] [illegible]

STATION NUMBER : [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-019	.3	2.3	1.2	.1					
020-049	2.5	2.4	1.4	.1	.1				
050-079	1.4	3.5	2.2	.4					
(E) 080-109	2.5	2.5	1.3						
110-139	2.7	4.2	.4						
140-169	1.7	3.4	3.5	.2	.2				
(S) 170-199	.4	1.3	.4						
200-229	.5	1.1	1.1	.1					
230-259	1.2	1.5	1.2	.2					
(W) 260-289	1.1	4.3	4.8	1.2	.5				
290-319	.5	5.2	7.4	4.4	1.4	.1			
320-349	.4	3.4	4.5	1.5	1.2	.1			
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	12.4	34.9	33.0	9.3	3.2	.2			

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF [illegible] SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] JULY [illegible] WATERS

[illegible] MONTHS: JUL 71 - [illegible]
MONTHS HAVE [illegible]: 13-17

SPEED [illegible]									
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
							5.1	2.2	2.2
[illegible]							[illegible]	7.1	[illegible]
							[illegible]	[illegible]	[illegible]
							5.9	2.2	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							15.[illegible]	.1	[illegible]
							1.2	7.3	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							11.6	1[illegible].2	1[illegible].1
[illegible]	[illegible].1						1[illegible].7	11.[illegible]	11.
[illegible]	[illegible].1						11.[illegible]	11.[illegible]	1[illegible].
//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	//////////	//////////
[illegible]	[illegible].1						1[illegible].	[illegible].7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
[illegible]

STATION NUMBER [illegible] STATION NAME [illegible] [illegible]
LST TO UTC: + [illegible] [illegible]

DIRECTION (DEG TRUE)	WIND SPEED IN KNOTS 1-4	5-9	10-16	17-21	22-27	28-33	34-40	41-47	48-55
(N) 350-010	1.2	2.2	1.1						
020-040	[illegible]	3.4	2.[illegible]	.1	.2				
050-070	[illegible]	[illegible]	1.[illegible]	.2					
(E) 080-100	1.4	1.3	.4						
110-130	[illegible]	2.3	.1						
140-160	[illegible]	[illegible]	[illegible]	.2	.1				
(S) 170-190	[illegible]	2.7	[illegible]						
200-220	1.[illegible]	1.5	[illegible]	.2					
230-250	1.[illegible]	1.4	[illegible]		.1				
(W) 260-280	[illegible]	3.2	1.[illegible]	1.[illegible]	.2				
290-310	[illegible]	[illegible]	5.1	1.2	.2				
320-340	1.[illegible]	[illegible]	[illegible]	1.[illegible]	.1				
VARIABLE									
CALM	//								
TOTALS	[illegible]	44.4	1[illegible].1	4.1	1.7				

TOTAL [illegible] OF OBSERVATIONS [illegible]

[illegible]

A

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 [illegible]ENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
   [illegible] HOURLY OBSERVATIONS

 [illegible]                          PERIOD OF RECORD:  JUL 7[illegible] - JU[illegible]
                                       MONTH: MAR      HOURS: 1[illegible]-2[illegible]
.................................................................................
[illegible] SPEED IN KNOTS
[illegible]-[illegible]  [illegible]-[illegible]  [illegible]-[illegible]  [illegible]-3[illegible]  [illegible]-4[illegible]  [illegible]-64  65 [illegible]   TOTAL  MEAN    [illegible]
                                                                          %    WIND    [illegible]
.................................................................................
                                                             4.2    4.2    [illegible]

  .[illegible]                                                     .5     [illegible]    [illegible]

                                                             [illegible]     [illegible].7    [illegible]

                                                             3.1    [illegible]    [illegible]

                                                             [illegible].4    [illegible].3    4.[illegible]

  .1                                                         1[illegible]    [illegible]    [illegible]

                                                             [illegible]    [illegible]    [illegible]

                                                             [illegible].7    [illegible]    [illegible]

  .1                                                         [illegible]    [illegible]    [illegible]

  .[illegible]                                                     [illegible]    [illegible].7    [illegible]

  .[illegible]                                                     1[illegible]    [illegible]    [illegible]

  .                                                          11.[illegible]   [illegible]    [illegible]
.................................................................................

//////////////////////////////////////////////////////////////  1[illegible]  ////////////

  1.7                                                        10[illegible]   [illegible]    [illegible]
[illegible] OBSERVATIONS  [illegible]
.................................................................................
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[illegible] - 4 - [illegible]7

6

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE BY FROM [illegible]
USAFETAC, ASHEVILLE, NC — [illegible]

STATION NUMBER: [illegible] — STATION NAME: [illegible] — [illegible]
LST TO UTC: + 5 — [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.3	2.5	2.4						
020-040	1.2	3.5	2.2	.4					
050-070	1.1	.9	.5	.3					
(E) 080-100	.5	1.1	.5						
110-130	.5	.5	.2						
140-160	.2	1.7	.5	.1					
(S) 170-190	2.7	.5	.						
200-220	3.1	2.7	.						
230-250	3.	1.5	.						
(W) 260-280	4.5	5.0	1.5	.2	.3				
290-310	3.1	5.7	4.5	1.1	.7				
320-340	4.1	5.4	2.2	.					
VARIABLE									
CALM	//////////								
TOTALS	31.2	33.2	17.1	3.1	.				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY USE VALUES

[illegible] PERIOD OF RECORD: JUL 79 - JUL [illegible]
MONTH: MAY HOURS: 21-23

WIND DIRECTION IN KNOTS							TOTAL %	[illegible] WIND	[illegible] WIND
[illegible]	25-29	30-34	35-39	40-49	50-54	55-65	5.7	7.[illegible]	7.5
							[illegible].1	7.4	7.[illegible]
							2.9	7.[illegible]	[illegible].3
							2.4	7.1	7.[illegible]
							1.4	[illegible].5	[illegible].0
							[illegible].7	[illegible].[illegible]	[illegible].[illegible]
							[illegible].1	[illegible].0	[illegible].3
							[illegible].0	[illegible].0	[illegible].[illegible]
							[illegible].1	[illegible].[illegible]	[illegible].[illegible]
[illegible]							13.1	[illegible].7	[illegible]
[illegible]							15.7	[illegible].5	[illegible]
							12.[illegible]	[illegible].7	[illegible]
//////////							17.[illegible]	//////////	
[illegible]							100.0	[illegible].7	[illegible]

[illegible] VALUES [illegible]

C - 4 - [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO GMT: + 5

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.5	3.2	1.9	.2					
020-040	2.2	3.5	2.2	.2	.1				
050-070	1.1	1.5	1.5	.3	.2				
(E) 080-100	1.1	1.2	.[illegible]	.1					
110-130	1.4	2.2	.4	.1					
140-160	[illegible]	[illegible]	1.1	.2	.1				
(S) 170-190	1.5	1.1	.4	.[illegible]					
200-220	1.[illegible]	1.4	.7	.1					
230-250	[illegible]	2.4	.[illegible]	.1	.[illegible]				
(W) 260-280	[illegible]	[illegible]	3.4	1.1	.[illegible]	.[illegible]			
290-310	[illegible]	[illegible]	[illegible]	2.4	.7	.1			
320-340	3.[illegible]	4.[illegible]	2.9	.7	.2	.[illegible]			
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	2[illegible].1	32.[illegible]	2[illegible].7	9.5	1.2	.1			

TOTAL NUMBER OF OBSERVATIONS 744[illegible]

A

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UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
    FROM HOURLY OBSERVATIONS

[illegible]                    PERIOD OF RECORD:  JUL 7[illegible] - JUN [illegible]
                               MONTH: MAR      HOURS: ALL
..............................................................
ND SPEED IN KNOTS
-24  25-29  30-34  35-39  40-49  50-64  GE 65   TOTAL  MEAN  MEDIAN
..............................................................
                                                  %    WIND   WIND
..............................................................
                                                 7.1    7.4    7.0

 .1                                        [illegible].2    7.3    7.0

 .[illegible]                                            4.7    [illegible].3    [illegible].0

                                                 3.[illegible]    5.[illegible]    [illegible].0

                                                 4.1    [illegible].1    [illegible].0

 .1                                        [illegible]    6.[illegible]    6.[illegible]

                                           [illegible]    5.3    [illegible]

                                           [illegible]    [illegible]    [illegible].0

 .[illegible]                                          [illegible]    [illegible]    [illegible].0

 .[illegible]      .[illegible]                             12.[illegible]    [illegible].2    [illegible].0

 .[illegible]      .1                             1[illegible].1    [illegible]    [illegible].0

 .        .[illegible]                             1[illegible]    7.[illegible]    7.0
..............................................................

//////////////////////////////////////////////  13.[illegible]  /////////////

1.[illegible]     .1                              100.0    [illegible].6    7.0
   [illegible]BSERVATIONS   744[illegible]
..............................................................
```

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND BY
USAFETAC, ASHEVILLE NC FROM MONTHLY TASK VARIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH:

CATEGORY A: CEILING OF 200 FEET BUT LESS THAN 1000 FEET WITH VISIBILITY OF 1/2 MILE
AND/OR
VISIBILITY OF 1/2 MILE (800 METERS) BUT LESS THAN 3 MILES (4800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-
(N) 350-010	3.2	3.0	4.9	.5						
020-040	4.1	11.3	8.2	1.0	.1					
050-070	2.0	5.5	3.7	.4	.[illegible]					
(E) 080-100	1.5	1.4	2.0	.3						
110-130	.7	1.4	1.1	.5						
140-160	1.1	1.8	1.6	1.0	.5					
(S) 170-190	.2	1.1	1.1	.2						
200-220	1.0	.3	.4							
230-250	.3	.4								
(W) 260-280	1.4	.3		.3						
290-310	1.5	.5	.2	.1						
320-340	3.2	4.5	1.4	.2						
VARIABLE										
CALM										
TOTALS	22.2	37.8	25.2	5.1	1.5					

TOTAL NUMBER OF OBSERVATIONS 1047

C - 4 - 30

A

QUENCY OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

ARS 44 PERIOD OF RECORD: JUL 79 - JUN 87
MONTH: MAR HOURS: ALL

WITH VISIBILITY OF 1/2 MILE (0800 METERS).

BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

WIND SPEED IN KNOTS

	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							17.6	7.7	7.0
.1							26.2	7.1	.0
.0							12.2	5.7	.0
							5.5	3.2	2.0
							3.7	3.3	.0
.0							6.1	10.6	3.0
							3.2	7.2	3.5
							1.5	5.7	4.0
							1.1	4.2	4.0
							2.0	5.3	4.0
							2.4	4.5	4.0
							4.0	6.2	5.0
//////////							9.5	//////////	
1.0							100.0	7.2	6.0

OF OBSERVATIONS 1047

OPERATING LOCATION MAP PERCENTAGE FREQUENCY OF OCCURRENCE, SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PRAS, AFB NH YEARS:
LST TO UTC: + 5 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-
(N) 350-010	2.9	2.9	1.5							
020-040	3.3	2.4	1.9	.1						
050-070	1.5	2.1	1.0	1.0	.1					
(E) 080-100	.3	1.2	.6							
110-130	1.2	.9	.2							
140-160	2.0	1.6	.4	.1						
(S) 170-190	2.2	.3	.2							
200-220	2.3	2.3	.1	.2						
230-250	3.[illegible]	1.9	.[illegible]	.2						
(W) 260-280	5.9	7.0	.7	.3						
290-310	3.3	4.3	2.6	.5	.1					
320-340	4.2	3.7	.[illegible]	.1						
VARIABLE										
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	35.4	33.5	10.9	2.5	.3					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible]UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JU[illegible]
MONTH: APR HOURS: 20-02

WIND SPEED IN KNOTS [illegible]-24	25-32	33-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							7.1	5.3	5.0
							2.2	4.0	5.0
.1							5.0	4.1	5.0
							2.5	5.7	7.0
							2.9	4.[illegible]	4.0
							5.1	3.2	4.0
							2.9	4.0	3.0
							5.4	5.2	4.0
							5.7	5.[illegible]	4.0
							13.9	5.3	7.0
.1							10.8	5.0	5.0
							2.[illegible]	5.2	5.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	20.0	//////////	//////////
.							100.0	4.6	5.0

[illegible] OBSERVATIONS [illegible]

6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-
(N) 350-010	2.7	2.3	.4	.3						
020-040	2.7	4.4	2.7	.1	.1					
050-070	2.1	2.1	1.1	.2	.2					
(E) 080-100	.3	.9	.6							
110-130	1.[illegible]	1.4	.9	.1						
140-160	2.[illegible]	.7	.2	.1						
(S) 170-190	1.7	.2								
200-220	2.3	2.2	.5							
230-250	3.0	2.[illegible]	.7							
(W) 260-280	2.3	3.2	.4	.3						
290-310	4.1	4.7	1.[illegible]	1.2	.1					
320-340	3.2	3.3	.4	.1						
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	31.4	31.4	9.4	2.4	.4					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 80
MONTH: APR HOURS: 03-05

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	65 or	TOTAL %	MEAN WIND	MEDIAN WIND
						7.1	3.9	3.0
						11.0	5.5	5.0
						5.4	7.4	7.0
						2.2	6.7	6.0
						4.0	5.7	5.0
						3.0	4.7	4.0
						1.3	3.1	3.0
						5.1	4.7	4.0
						7.4	5.0	4.0
						12.7	5.1	4.5
						11.3	7.1	6.0
						.2	4.0	4.0
//////////	//////////	//////////	//////////	//////////	//////////	14.7	//////////	//////////
						100.0	4.7	5.0

OBSERVATIONS 282

D

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723056 STATION NAME: PLEASE ADD [illegible] PERIOD
LST TO UTC: + 5 HOUR: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.1	4.0	1.3	.2					
020-040	3.2	4.6	3.4	.1	.1				
050-070	2.3	2.9	2.[illegible]	.3	.1				
(E) 080-100	.3	1.5	.4						
110-130	.3	1.1	.7	.2	.1				
140-160	.2	.4	.3						
(S) 170-190	1.5	.4							
200-220	2.4	1.9	.7						
230-250	4.1	3.7	.5						
(W) 260-280	4.3	5.0	2.3	.3					
290-310	3.3	4.1	3.7	1.4	.3	.1			
320-340	3.7	3.3	2.3	.4					
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	23.3	34.5	19.2	2.9	.5	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED
BASED ON HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 83
STATION: AR[illegible] MONTH: [illegible]

SPEED IN KNOTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL %	[illegible]	[illegible]
[illegible]							7.7	[illegible]	[illegible]
.1							11.4	7.1	7.[illegible]
.1							.1	.1	[illegible]
							[illegible]	[illegible]	[illegible]
.1							[illegible]	[illegible]	7.[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							.[illegible]	[illegible]	[illegible]
							12.[illegible]	[illegible]	[illegible]
[illegible]	.1						17.[illegible]	.[illegible]	[illegible]
							[illegible]	[illegible]	7.[illegible]
//////////							14.[illegible]	//////////	
[illegible]	.1						100.[illegible]	[illegible]	[illegible]
[illegible] OBSERVATIONS [illegible]									

OPERATING LOCATION [illegible] PERCENTAGE FREQUENCY [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-010	2.[illegible]	2.[illegible]	2.1	.2					
020-040	1.1	3.3	3.1	.4	.1				
050-070	1.[illegible]	4.[illegible]	2.7	1.[illegible]	.[illegible]				
(E) 080-100	1.[illegible]	4.[illegible]	1.[illegible]	.1					
110-130	1.1	4.[illegible]	[illegible]	.1					
140-160	1.[illegible]	[illegible]	1.4	.[illegible]	.1				
(S) 170-190	1.[illegible]	.7		.1					
200-220	1.7	3.1	1.2	.1					
230-250	[illegible].1	2.[illegible]	.[illegible]	.4					
(W) 260-280	1.[illegible]	[illegible]	[illegible]	.7					
290-310	1.[illegible]	2.7	[illegible]	3.[illegible]	1.[illegible]				
320-340	1.[illegible]	2.7	3.[illegible]	.7	.1	.1			
VARIABLE									
CALM	//////////								
TOTALS	1[illegible]	3[illegible]	27.[illegible]	7.[illegible]	1.[illegible]	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

8

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ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
   FROM HOURLY OBSERVATIONS

                                        PERIOD OF RECORD:  JUL 70 - JUN [illegible]
                                        MONTH: APR      HOURS: 09-11
.................................................................
  SPEED IN KNOTS
-24  25-29  30-34  35-39  40-49  50-54  55-59   TOTAL   MEAN   MEAN
                                                   %    WIND   WIND
.................................................................
                                                 [illegible].2    7.4    7.[illegible]

 .1                                               [illegible].1    [illegible].1    [illegible]

 .[illegible]                                               1[illegible].[illegible]    [illegible].[illegible]    [illegible]

                                                  [illegible].[illegible]    7.[illegible]    7.[illegible]

                                                  [illegible].[illegible]    7.[illegible]    [illegible]

 .1                                               [illegible].[illegible]    7.[illegible]    7.[illegible]

                                                  1.[illegible]    [illegible].1    [illegible]

                                                  [illegible].[illegible]    [illegible]    [illegible]

                                                  7.[illegible]    [illegible].1    [illegible]

                                                 1[illegible].1    [illegible].1    7.[illegible]

 [illegible].                                              1[illegible].[illegible]   11.[illegible]   1[illegible].[illegible]

 .[illegible]       .[illegible]                                    [illegible]    [illegible]    [illegible]

.................................................................

//////////////////////////////////////////////   [illegible].[illegible]  /////////////

 [illegible].[illegible]       .1                                     100.0    7.[illegible]    [illegible]

    [illegible] VATIONS [illegible]
.................................................................
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[illegible] - [illegible] - [illegible]

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible] FROM HOURLY [illegible] VARIES

STATION NUMBER: 72[illegible] STATION NAME: [illegible] LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	[illegible]
(N) 350-010	.3	2.0	2.2	.1						
020-040	.2	2.4	2.1	.6						
050-070	1.1	2.0	2.1	.2	.2					
(E) 080-100	.7	2.3	3.2	.3	.2					
110-130	2.6	12.0	2.0	.4						
140-160	1.1	1.4	2.7	.4						
(S) 170-190	.3	1.4	.7							
200-220	.3	1.0	1.0	.5						
230-250	1.1	3.7	1.4	.2						
(W) 260-280	.7	3.3	4.7	.8	.1					
290-310	.2	1.0	5.	3.5	.3					
320-340	.4	2.0	2.0	1.0	.5					
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	10.4	44.0	35.0	9.7	1.0					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

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UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
    FROM HOURLY OBSERVATIONS

                                  PERIOD OF RECORD:  JUL 79 - JUN [illegible]
                                  MONTH: APR      HOURS: 12-14
.................................................................
 SPEED IN KNOTS
-24  25-29  30-34  35-39  40-49  50-54  GE 55   TOTAL   MEAN   MEDIAN
                                                  %     WIND    SPD
.................................................................
                                                 4.7   [illegible]  [illegible]

                                                 [illegible].7   8.3   [illegible]

 [illegible]                                      [illegible].2   [illegible]  1[illegible].0

 [illegible]                                     1[illegible]   [illegible]  [illegible]

                                                17.[illegible]   7.5   [illegible]

                                                 [illegible].7   [illegible].4   [illegible]

                                                 2.7   7.[illegible]   [illegible]

                                                 4.[illegible]   [illegible]   [illegible]

                                                 [illegible].4   7.4   7.[illegible]

 [illegible]                                      [illegible]   [illegible]  1[illegible].0

 [illegible]                                    12.[illegible]  12.[illegible]  13.[illegible]

 [illegible]                                     7.4  11.[illegible]  11.[illegible]
.................................................................

//////////////////////////////////////////////   1.[illegible]  /////////////

 [illegible]                                   100.0   [illegible].1   [illegible]

   OBSERVATIONS    [illegible]
.................................................................
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6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723066 STATION NAME: PEASE AFB NH
LST TIME: + 5

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-
(N) 350-010	.5	2.6	1.5	.1						
020-040	1.0	1.7	1.7	.5						
050-070	1.4	4.2	1.5	.5	.1					
(E) 080-100	1.2	6.4	2.2	.3	.2					
110-130	3.3	11.2	2.7	.1						
140-160	2.3	5.1	2.2	.7						
(S) 170-190	.2	1.5	.5	.1						
200-220	.5	1.0	.1							
230-250	.4	2.1	1.7							
(W) 260-280	.7	4.3	4.4	.2						
290-310	.4	2.1	5.3	1.4	.4					
320-340	.4	2.3	2.4	2.1	.7					
VARIABLE										
CALM										
TOTALS	14.1	43.3	32.4	6.0	1.4					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: APR HOURS: 15-17

D SPEED IN KNOTS [illegible]	[illegible]-34	35-39	40-49	50-64	65-[illegible]	TOTAL %	MEAN SPD	MEDIAN SPD
						4.2	3.4	4.2
						4.9	[illegible].9	[illegible]
.1						[illegible]	[illegible]	[illegible]
.2						[illegible]	7.1	7.2
						17.3	7.1	7.0
						17.0	[illegible]	[illegible]
						[illegible]	5.1	[illegible]
						[illegible]	7.5	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	1[illegible]
.[illegible]						10.4	11.7	12.[illegible]
.[illegible]						[illegible]	12.2	1[illegible]
//						[illegible]	//////////////	
						100.0	[illegible]	[illegible]

[illegible] OF OBSERVATIONS [illegible]

[illegible] - 4 - 86

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC [illegible] OBSERVATIONS

STATION NUMBER: 723060 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43	[illegible]
(N) 350-010	.3	2.7	.2	.4						
020-040	1.2	3.1	2.1	.1						
050-070	2.9	2.6	.4	.3	.1					
(E) 080-100	3.3	2.1	1.1							
110-130	4.1	4.4	.9	.2	.3					
140-160	.7	.2	.9							
(S) 170-190	3.2	2.3	.3							
200-220	3.1	1.9	.4	.3						
230-250	2.3	1.7	.3							
(W) 260-280	2.2	2.2	1.7	.1						
290-310	2.7	5.4	3.3	.4	.3	.1				
320-340	1.2	2.3	1.3	1.2	.1					
VARIABLE										
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	33.2	35.3	14.1	3.5	.3	.1				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
BASED HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 84
MONTH: APR HOURS: 13-20

D SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
							4.8	8.3	7.0
							5.6	7.9	6.0
.1							7.2	7.0	6.0
							6.2	5.4	5.0
.3							10.0	6.3	5.0
							15.	4.[illegible]	4.0
							5.0	4.[illegible]	4.0
							4.3	3.6	3.[illegible]
							4.0	3.0	4.5
							5.0	4.[illegible]	3.0
.3	.1						12.3	3.3	2.0
.1							6.[illegible]	3.1	[illegible]
//							10.3	//////////////	
.	.1						100.0	3.[illegible]	3.0

OF OBSERVATIONS 800

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055
STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD:
MONTH:

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
	WIND SPEED IN KNOTS								
(N) 350-010	2.1	2.0	.5	.1					
020-040	3.1	3.1	1.3	.3					
050-070	2.5	1.1	.7	.7					
(E) 080-100	1.1	.3	.9						
110-130	2.5	1.3	1.1						
140-160	4.3	1.5	.7	.1					
(S) 170-190	3.2	.5	.2		.1				
200-220	2.1	1.5	.2	.1					
230-250	3.6	2.2	.4						
(W) 260-280	4.3	4.5	1.4						
290-310	4.0	4.3	1.0	.5					
320-340	1.9	3.6	2.4	.7	.2				
VARIABLE									
CALM	//								
TOTALS	35.1	27.6	12.1	2.6	.3				

TOTAL NUMBER OF OBSERVATIONS [illegible]

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: APR HOURS: 21-23

DIRECTION IN KNOTS	[illegible]	30-34	35-39	40-49	50-64	65	TOTAL %	MEAN WIND	MAXIMUM WIND
[illegible]							5.1	5.2	6.0
[illegible]							7.9	5.4	6.0
[illegible]							4.7	7.0	9.0
[illegible]							2.0	5.7	6.0
[illegible]							5.0	5.2	6.0
[illegible]							5.5	4.7	6.0
[illegible]							4.2	4.2	4.0
[illegible]							4.7	5.9	8.0
[illegible]							6.2	4.5	6.0
[illegible]							10.2	5.2	6.0
[illegible]							10.2	5.2	5.0
[illegible]							5.4	5.4	6.0
[illegible]							22.6		
[illegible]							100.0	4.7	9.0

[illegible] OBSERVATIONS [illegible]

D

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF [illegible] SURFACE [illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723066 STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	[illegible]
(N) 350-010	1.7	2.7	1.4	.2						
020-040	2.8	5.1	2.4	.3	.0					
050-070	1.9	2.5	1.5	.7	.1					
(E) 080-100	1.4	2.7	1.4	.1	.1					
110-130	2.2	4.5	1.3	.2	.1					
140-160	3.1	3.3	1.5	.2	.0					
(S) 170-190	1.3	.9	.3	.0	.0					
200-220	1.9	2.0	.5	.2						
230-250	2.3	2.5	.2	.1						
(W) 260-280	2.3	4.7	2.4	.3	.0					
290-310	2.4	3.9	3.7	1.5	.4	.0				
320-340	2.2	3.1	2.0	.5	.2	.0				
VARIABLE										
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	27.0	36.0	19.7	4.5	.9					

TOTAL NUMBER OF OBSERVATIONS 7209

A

ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 80
MONTH: APR HOURS: ALL

SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
	25-29	30-34	35-39	40-49	50-64	65 &			
							%	MPH	MPH
							5.9	7.0	5.0
							5.1	7.5	7.0
							5.2	5.5	7.0
							5.6	7.3	7.5
							5.2	5.0	7.0
							.3	5.0	5.0
							3.0	4.0	4.0
							4.5	5.2	5.0
							4.3	5.7	5.0
							10.7	5.0	5.0
							11.7	4.3	4.0
							8.0	4.3	4.0
//							12.1	//////////	
							100.0	5.4	7.0

OBSERVATIONS (29)

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
USAFETAC, ASHEVILLE, NC FROM HOURLY U.S. STATIONS

STATION NUMBER: 726055 STATION NAME: DEAS AFB, NM
LST TO UTC: + 5

CATEGORY A: CEILING OF 200 FEET BUT LESS THAN 1000 FEET AND/OR VISIBILITY OF 1/2 MILE
AND/OR
VISIBILITY OF 1/2 MILE (800 METERS) BUT LESS THAN 1 MILE (1600 METERS)

DIRECTION (DEG TRUE)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43	44-
(N) 350-010	2.9	4.7	2.7	.3						
020-040	4.5	7.3	5.0	1.1	.2					
050-070	4.5	4.4	5.3	2.5	.5					
(E) 080-100	2.0	3.2	2.7	.5	.2					
110-130	2.3	3.5	2.0	.4	.3					
140-160	2.2	2.4	1.7	.3	.1					
(S) 170-190	1.0	.2	.2							
200-220	1.0	.7	.2							
230-250	1.1	.3								
(W) 260-280	.2	1.0	.2							
290-310	1.0	.2	.5	.3	.1					
320-340	1.1	2.1	1.4	.2						
VARIABLE										
CALM										
TOTALS	24.7	35.2	25.2	5.3	1.3					

TOTAL NUMBER OF OBSERVATIONS 1019

[illegible]NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] FOREST [illegible] STATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: APR HOURS: ALL

[illegible] WITH VISIBILITY OF 1/2 MILE (800 METERS).

[illegible] LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	TOTAL %	MIN. WIND	MAX. WIND
[illegible]							10.5	7.3	[illegible]
[illegible]							21.1	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							3.5	7.[illegible]	7.[illegible]
[illegible]							[illegible]	7.[illegible]	7.[illegible]
[illegible]							4.7	7.3	[illegible]
[illegible]							1.4	4.[illegible]	[illegible]
[illegible]							[illegible]	4.[illegible]	[illegible]
[illegible]							1.[illegible]	4.[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							4.[illegible]	7.3	7.[illegible]
//////////							7.[illegible]	//////////	
[illegible]							1[illegible].0	7.3	7.

[illegible] OBSERVATIONS [illegible]

```
OPERATING LOCATION "A"          PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
USAFETAC, ASHEVILLE NC                      [illegible]

STATION NUMBER : [illegible]   STATION NAME: [illegible]
                               LST TO UTC: + 9                              [illegible]
.............................................................................
                                          WIND SPEED IN KNOTS
  DIRECTION       1-4     5-9   10-14  15-19  20-24  [illegible]
  (DEGREES)
.............................................................................
(N) 350-010      [illegible]  1.3

    020-040       3.[illegible]  2.[illegible]  .     .1

    050-070       1.[illegible]  1.[illegible]  .[illegible]

(E) 080-100       1.3     .[illegible]

    110-130       1.[illegible]  1.[illegible]  .[illegible]

    140-160        .7     1.4

(S) 170-190       2.[illegible]  .[illegible]  .[illegible]

    200-220       [illegible]  [illegible]  .1

    230-250       [illegible]  2.[illegible]  .1

(W) 260-280       [illegible]  [illegible]  .[illegible]

    290-310       [illegible]  1.[illegible]  .[illegible]

    320-340       [illegible]  [illegible]  .[illegible]

.............................................................................
 VARIABLE

  CALM       /////////////////////////////////////////////////////////////

 TOTALS           [illegible]  [illegible]  [illegible]  .1

                              [illegible]
.............................................................................
```

A

[illegible] OF OBSERVED SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] ASSUMED AS VARIABLES

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: MAY HOURS: 00-02

[illegible] IN KNOTS							TOTAL	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
							5.2	[illegible]	4.2
							7.2	3.2	4.0
							4.[illegible]	3.7	[illegible]
							2.0	3.[illegible]	4.[illegible]
							[illegible]	4.3	4.3
							[illegible]	[illegible]	[illegible]
							5.4	3.5	2.9
							[illegible]	4.1	[illegible]
							7.7	4.2	[illegible]
							10.0	4.3	4.3
							[illegible]	[illegible]	[illegible]
							[illegible]	3.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
							[illegible]	3.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATIONS LOCATION MAP
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: 723066 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEG TRUE)	WIND SPEED IN KNOTS 1-4	5-7	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	[illegible]	1.5	.4						
020-040	[illegible]	2.7	.9						
050-070	[illegible]	2.8	1.4						
(E) 080-100	1.8	.4							
110-130	1.5	.2	.1						
140-160	[illegible]	1.5	.4						
(S) 170-190	2.1	.2							
200-220	[illegible]	[illegible]	.5						
230-250	[illegible]	[illegible]	.5						
(W) 260-280	[illegible]	[illegible]	.7						
290-310	[illegible]	1.7	.5	.1					
320-340	[illegible]	[illegible]	.1						
VARIABLE									
CALM	//								
TOTALS	[illegible]	23.2	[illegible]	.1					

TOTAL OBS [illegible]

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: MAY HOURS: 03-06

WIND SPEED IN KNOTS [illegible]	25-29	30-34	35-39	40-44	45-54	55-64	TOTAL %	[illegible] WIND	[illegible] WIND
[illegible]							5.3	4.0	4.[illegible]
[illegible]							6.5	5.5	[illegible]
[illegible]							[illegible]	5.3	5.[illegible]
[illegible]							1.5	3.5	3.[illegible]
[illegible]							1.[illegible]	3.[illegible]	3.[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							3.[illegible]	3.[illegible]	3.[illegible]
[illegible]							[illegible].1	4.2	[illegible]
[illegible]							7.[illegible]	[illegible]	[illegible]
[illegible]							11.[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible].7		
[illegible]							1[illegible]	[illegible]	[illegible]
[illegible]									

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE - [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 725[illegible] STATION NAME: [illegible] LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-	40-4	[illegible]
(N) 350-[illegible]	[illegible]	2.7	[illegible]	.1						
020-[illegible]	[illegible]	5.3	1.[illegible]	.1						
050-[illegible]	[illegible]	[illegible]	1.[illegible]	.2						
(E) 080-[illegible]	[illegible]	1.2	.2							
110-[illegible]	[illegible]	1.[illegible]								
[illegible]-[illegible]	[illegible]	1.4	.1	.[illegible]						
(S) [illegible]-[illegible]	[illegible]	1.3	.1							
[illegible]-[illegible]	[illegible]	1.[illegible]	.[illegible]							
[illegible]-[illegible]	[illegible]	[illegible]	.[illegible]							
(W) [illegible]-[illegible]	[illegible]	[illegible]	1.4	.1						
[illegible]-[illegible]	[illegible]	[illegible]	1.4	.[illegible]	.1					
[illegible]-[illegible]	[illegible]	[illegible]	1.1							
VARIABLE										
CALM	//////////									
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	.1					

TOTAL [illegible] OF [illegible] OBSERVATIONS [illegible]

A

ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN
MONTH: MAY HOURS: 05-23

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
						6.6	5.0	5.0
						10.9	5.0	4.0
						6.5	5.6	5.0
						4.0	4.2	3.0
						3.1	3.4	3.0
						5.7	5.4	4.0
						4.3	3.0	3.0
						5.4	5.0	4.0
						5.2	4.7	4.0
						14.7	5.0	5.0
						7.1	5.0	5.0
						6.2	5.0	5.0
//////////						17.5	//////////	
						100.0	5.0	5.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723055 STATION NAME: [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	[illegible]
(N) 350-010	.3	2.5	1.9	.2						
020-040	2.2	4.2	2.2	.4						
050-070	3.2	3.3	1.9	.4						
(E) 080-100	4.1	4.5	1.1							
110-130	3.0	2.2	.6							
140-160	[illegible]	.4	1.[illegible]	.2	.1					
(S) 170-190	1.3	1.8	.[illegible]							
200-220	2.2	1.3	1.4	.2						
230-250	[illegible]	3.2	1.3	.2						
(W) 260-280	1.2	2.7	3.5	.6						
290-310	1.1	2.7	3.2	1.2						
320-340	1.4	.3	1.5	.	.1					
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	[illegible].9	42.2	19.4	[illegible]	.1					

TOTAL [illegible] OBSERVATIONS [illegible]

[illegible]CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY [illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: MAY HOURS: 23-11

SPEED IN KNOTS [illegible]	[illegible]-33	34-40	41-48	49-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						4.2	[illegible]	7.[illegible]
						8.9	7.2	7.0
						10.5	7.[illegible]	7.0
						9.7	5.[illegible]	[illegible]
						9.[illegible]	5.[illegible]	[illegible]
						7.[illegible]	7.1	[illegible]
						3.4	[illegible]	[illegible]
						5.[illegible]	[illegible]	[illegible]
						9.7	[illegible]	[illegible]
						10.7	[illegible]	[illegible]
						7.[illegible]	[illegible]	1[illegible]
						4.[illegible]	[illegible]	1[illegible]
//						4.[illegible]	//////////////	
						100.[illegible]	[illegible]	[illegible]

[illegible] MISSING [illegible]

[illegible] - [illegible] - [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC FROM SUPPLY [illegible] VARIOUS

STATION NUMBER: 72[illegible] STATION NAME: PEASE AFB NH [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-[illegible]
(N) 350-010	.2	.3	.4	.1						
020-040	1.0	3.5	1.2	.4						
050-070	2.0	4.3	1.4	.1						
(E) 080-100	1.4	6.7	2.3							
110-130	3.0	12.3	4.[illegible]							
140-160	1.3	[illegible].2	5.3	.4						
(S) 170-190	.3	1.[illegible]	1.3	.2						
200-220	.3	1.3	.[illegible]	.1	.1					
230-250	1.[illegible]	2.2	1.1	.1	.1					
(W) 260-280	1.2	3.1	3.[illegible]	1.0	.1					
290-310	.4	3.2	3.3	1.3						
320-340	.4	1.1	3.[illegible]	.5	.2					
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	[illegible]	[illegible].7	27.[illegible]	[illegible].3	.3					

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY MAP VARIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 12-14

SPEED IN KNOTS							TOTAL %	MEAN SPEED	MEDIAN SPEED
	28-33	34-39	40-47	48-54	55-63				
							2.2	5.8	.0
							5.1	7.1	7.0
							7.4	5.9	7.0
							11.3	6.7	6.0
							14.4	7.2	7.0
							17.4	6.7	6.0
							3.4	5.5	.0
							3.2	4.0	4.0
							4.4	7.4	7.0
							1.2	7.5	6.5
							1.4	13.4	13.0
							1.4	11.1	12.0
//							1.5	//////////////	
							100.0	6.1	.0

OBS WITH WIND SPEED

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726053 STATION NAME: PEASE AFB NH [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	[illegible]
(N) 350-019	.2	1.5	.4							
020-049	.3	1.2	.5	.2	.1					
050-079	2.3	5.1	1.0							
(E) 080-109	2.0	5.6	.5							
110-139	3.4	10.2	1.4							
140-169	2.7	14.7	7.0	.5						
(S) 170-199	1.1	2.6	1.5							
200-229	.3	1.2	1.1							
230-259	.2	2.3	.3							
(W) 260-289	.2	2.4	2.5	.6	.1					
290-319	.3	3.3	3.5	.7						
320-349	.5	1.7	2.2	1.4						
VARIABLE										
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	14.3	73.1	23.2	3.4	.4					

TOTAL NUMBER OF OBSERVATIONS [illegible]

```
NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

[illegible]                    PERIOD OF RECORD:  JUL 79 - JUN [illegible]
                               MONTH: MAY      HOURS: 15-17
..................................................................
SPEED IN KNOTS
, 27-33  33-34  35-39  40-49  50-64  GE 65   TOTAL  MEAN   [illegible]
                                               %    WIND   [illegible]
..................................................................
                                              2.2    7.4   [illegible]

                                              3.7    7.5    5.[illegible]

                                               .3    5.2     .[illegible]

                                       [illegible]   5.7    5.[illegible]

                                             15.[illegible] [illegible]  4.[illegible]

                                      [illegible]  [illegible]  [illegible]

                                      [illegible].2  7.[illegible]  4.[illegible]

                                      [illegible]   7.[illegible]  [illegible]

                                      [illegible].7  7.   7.[illegible]

                                      [illegible]   [illegible]  [illegible]

                                               .4   1[illegible].1  1[illegible]

                                               .[illegible]  11.1  1[illegible]
..................................................................

//////////////////////////////////////////  [illegible]  /////////////

                                            100.0    7.[illegible]  [illegible]

[illegible] OBSERVATIONS [illegible]
..................................................................
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6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723255 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 YEARS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	1.2	1.2	.4						
020-040	2.2	2.9	.9						
050-070	3.1	3.7	.6						
(E) 080-100	3.0	2.2	.1						
110-130	5.2	3.3	.1						
140-160	13.3	11.5	.5						
(S) 170-190	2.2	2.6	.9						
200-220	1.7	2.7	1.0						
230-250	1.4	1.1		.1					
(W) 260-280	2.3	1.7	1.1	.5					
290-310	1.4	2.3	1.3	.2					
320-340	1.1	3.2	2.7	.1					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	37.7	43.2	9.2	.9					

TOTAL NUMBER OF OBSERVATIONS [illegible]

```
CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
     HOURLY OBSERVATIONS

                            PERIOD OF RECORD:  JUL 74 - JUN
                            MONTH: MAY        HOURS: 12-20
.............................................................
    IN KNOTS
  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]   TOTAL   MEAN   MEDIAN
.............................................................
                                                2.[illegible]   [illegible].3   [illegible]

                                                [illegible]   [illegible]   [illegible]

                                                7.7   [illegible]   [illegible]

                                                [illegible].3   [illegible]   [illegible]

                                                [illegible]   [illegible]   [illegible]

                                                [illegible]   [illegible]   [illegible]

                                                7.[illegible]   [illegible]   [illegible]

                                                [illegible]   [illegible].1   [illegible]

                                                [illegible].1   [illegible]   [illegible]

                                                [illegible]   [illegible]   [illegible]

                                                [illegible]   [illegible]   [illegible]

                                                7.1   [illegible]   [illegible]
.............................................................

//////////////////////////////////////////////   11.[illegible]   /////////////

                                                10[illegible].   [illegible]   [illegible]

[illegible]
.............................................................
```

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

DIRECTION (DEG [illegible])	WIND SPEED INCRIDTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	[illegible]	[illegible]	.1						
020-040	[illegible]	[illegible]	[illegible]	.3					
050-070	[illegible]	[illegible]	[illegible]	.2					
(E) 080-100	[illegible]	[illegible]							
110-130	[illegible]	[illegible]							
140-160	[illegible]	[illegible]							
(S) 170-190	[illegible]	[illegible]	[illegible]						
200-220	[illegible]	[illegible]	[illegible]	.5					
230-250	[illegible]	[illegible]	[illegible]	.4					
(W) 260-280	[illegible]	[illegible]	[illegible]						
290-310	[illegible]	[illegible]	[illegible]	.5					
320-340	[illegible]	[illegible]	[illegible]	.4					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	[illegible]	[illegible]	[illegible]	.3					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SPEED AND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN
MONTH: MAY HOURS: 21-23

SPEED IN KNOTS							TOTAL %	[illegible]	[illegible]
[illegible]	21-23	27-30	31-34	35-40	41-54	55 UP			
							4.[illegible]	4.3	4.[illegible]
							[illegible]	[illegible].1	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible].1	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							7.[illegible]	[illegible].1	[illegible]
							[illegible].1	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							7.7	[illegible]	[illegible]
							7.[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
//							24.1	//////////////	
							100.[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

C - 4 - 4[illegible]

```
OPERATING LOCATION "A"              PERCENTAGE FREQUENCY [illegible]
USAFETAC, ASHEVILLE NC                              [illegible]

STATION NUMBER: 7[illegible]     STATION NAME: [illegible]
                                 [illegible]
.........................................................................
                                                 [illegible]
   DIRECTION      1-4     [illegible] 10-14 [illegible] [illegible]
.........................................................................
   (DEGREES)
.........................................................................
(N) 350-010    [illegible]   1.7    [illegible]    .1

    020-040    [illegible] [illegible] 1.[illegible] .[illegible] .[illegible]

    050-070    [illegible] [illegible]  1.1     .1

(E) 080-100    [illegible]   2.7   [illegible]

    110-130    [illegible] [illegible] [illegible]

    140-160    [illegible]    .7   2.[illegible] .[illegible]   .

(S) 170-190    [illegible] [illegible] [illegible] .[illegible]

    200-220    [illegible] [illegible]  .        .        .

    230-250    [illegible] [illegible] [illegible] .1   .[illegible]

(W) 260-280    [illegible]  [illegible].7  1.7  .[illegible]   .

    290-310    [illegible] [illegible] 1.[illegible] .[illegible] .[illegible]

    320-340    [illegible] [illegible] 1.[illegible] .[illegible] .1
.........................................................................
   VARIABLE

   CALM       ///////////////////////////////////////////////////////////

   TOTALS        34.4    35.[illegible]   12.7     1.9      .1

                             TOTAL NUMBER OF OBSERVATIONS  7[illegible]
.........................................................................
```

A

[illegible]

[illegible] JUL 7[illegible] - JU[illegible]

[illegible] ALL

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]
						4.4	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						11.[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
[illegible]						100.[illegible]	[illegible]	[illegible]

[illegible] 7[illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible] [illegible]

CATEGORY A: CEILING [illegible] BUT LESS THAN 1000 [illegible] VISIBILITY OF 1/2 [illegible]
[illegible]
VISIBILITY OF 1/2 MILE (0.80 METERS) BUT LESS THAN [illegible]

DIRECTION (DEG TRUE)	WIND SPEED IN KNOTS 1-4	5-7	11-14	15-17	21-24	25-29	30-34	35-39	40-47
(N) 350-010	1.1	2.2	.7						
020-040	.4	2.8	3.4	1.0	.1				
050-070	2.0	11.0	3.[illegible]	.[illegible]					
(E) 080-1[illegible]	.5	2.2	.[illegible]						
110-130	.4	2.2	.[illegible]						
140-160	.3	2.[illegible]	.3	.2	.1				
(S) 170-190	1.3	.7							
200-220	.4	.3							
230-250	1.4	.2	.2						
(W) 260-280	1.2	.2							
290-310	1.[illegible]	.2	.[illegible]						
320-340	1.0	1.4	.1						
VARIABLE									
CALM									
TOTALS	41.0	35.4	9.[illegible]	1.7	.2				

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - [illegible]
MONTH: MAY HOURS: ALL

[illegible] VISIBILITY OF 1/2 MILE (800 METERS).

[illegible] LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

[illegible] IN KNOTS								
[illegible]	21-27	28-33	34-40	41-47	48-55	56-63	TOTAL	[illegible]
							%	[illegible]
							5.5	[illegible]
[illegible]							20.[illegible]	[illegible]
							23.5	[illegible]
							17.3	[illegible]
							7.[illegible]	[illegible]
							[illegible].1	[illegible]
							2.1	[illegible]
							1.1	[illegible]
							1.7	[illegible]
							2.2	[illegible]
							3.1	[illegible]
							3.4	[illegible]
//							11.3	//////////////
[illegible]							100.0	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A" [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO GMT: + 5

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25- [illegible]
(N) 350-010	2.7	1.6	.1			
020-040	[illegible]	1.	.7			
050-070	[illegible]	[illegible]	[illegible]			
(E) 080-100	[illegible]	[illegible]		.1		
110-130	1. [illegible]	[illegible]				
140-160	1. [illegible]	[illegible]				
(S) 170-190	1.2	.2				
200-220	[illegible]	1.7	.1			
230-250	[illegible]	[illegible]	[illegible]			
(W) 260-280	[illegible]	[illegible]	[illegible]			
290-310	[illegible]	[illegible]	1.3	.1		
320-340	[illegible]	2.4	[illegible]			
VARIABLE						
CALM	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	[illegible]	[illegible].1	[illegible]	.4		

TOTAL NUMBER OF OBSERVATIONS: [illegible]

A

```
[illegible]
[illegible]

[illegible]                                    JUL 7[illegible] - JU[illegible]
[illegible]
.............................................................
[illegible]
[illegible]                                    TOTAL [illegible]
.............................................................
                                                4.2   4.1   4.[illegible]

                                                4.7   [illegible]   4.[illegible]

                                                [illegible]   4.[illegible]   [illegible]

                                                3.1   4.3   4.[illegible]

                                                1.[illegible]   4.4   4.

                                                1.[illegible]   [illegible]   [illegible]

                                                [illegible]   [illegible]   3.[illegible]

                                                [illegible].7   [illegible]   4.

                                                1[illegible].7   [illegible]   [illegible]

                                                15.[illegible]   [illegible]   [illegible]

                                                [illegible].4   [illegible]   [illegible]

                                                7.7   4.1   3.[illegible]
.............................................................

/////////////////////////////////////////////  [illegible]  /////////////

                                              10[illegible]   4.[illegible]   4.[illegible]
[illegible]
.............................................................
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6

OPERATING LOCATION W&W
USAFETAC, ASHEVILLE NC

STATION NUMBER: [illegible]

STATION NAME: [illegible]

LST TO UTC: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-010	2.2	1.7	.4	.1					
020-040	2.3	1.0	.2						
050-070	2.[illegible]	1.2	.7						
(E) 080-100	1.2	.6							
110-130	1.0	.3							
140-160	2.1	.4							
(S) 170-190	2.2	.6							
200-220	1.7	1.0							
230-250	[illegible]	[illegible]							
(W) 260-280	10.2	3.2	.7						
290-310	.3	4.1	1.2						
320-340	2.7	1.0	.1						
VARIABLE									
CALM	//								
TOTALS	[illegible].2	23.5	3.7	.1					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

```
[illegible] DI[illegible]CTIO[illegible] VERSUS [illegible]
[illegible]

[illegible] PERIOD: [illegible] - [illegible]
[illegible]: [illegible]      [illegible]: [illegible]
...........................................................
[illegible]
[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  TOTAL  [illegible]  [illegible]
...........................................................
                                                   4.4   [illegible]   [illegible]

                                                   [illegible]   [illegible]   [illegible]

                                                   [illegible]   [illegible]   [illegible]

                                                   [illegible]   [illegible]   [illegible]

                                                   [illegible]   [illegible]   [illegible]

                                                   [illegible]   [illegible]   [illegible]

                                                   [illegible]   [illegible]   [illegible]

                                                   [illegible]   [illegible]   [illegible]

                                                   1[illegible]   [illegible]   [illegible]

                                                   1[illegible]   [illegible]   [illegible]

                                                   1[illegible]   [illegible]   [illegible]

                                                   [illegible]   [illegible]   [illegible]
...........................................................

//////////////////////////////////////////   [illegible]   //////////////

                                                   100.0   [illegible]   [illegible]
-----------------------------------------------------------
[illegible]SERVATIONS   [illegible]
...........................................................
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OPERATING LOCATION "A"
USAF-IRC, [illegible]

STATE [illegible] STATION [illegible]
1ST ID [illegible]

DIR CTI [illegible] (DEG [illegible])	[illegible]	[illegible]	10-14	15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(N) 350-[illegible]	2.2	1.3	.2	.3					
020-[illegible]	[illegible]	[illegible]	1.[illegible]	.1					
050-[illegible]	[illegible]	[illegible]	.4	.1					
(E) 080-[illegible]	2.1	1.1							
110-[illegible]	[illegible]	.3							
140-[illegible]	[illegible]	.3							
(S) 170-[illegible]	[illegible]	[illegible]							
200-[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	.1						
(W) 260-[illegible]	11.2	[illegible]	1.[illegible]	.1					
290-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
320-[illegible]	[illegible]	[illegible]	[illegible]						
VARIABLE									
CALM	//////////	//////////	//////////	//////////					
TOTALS	[illegible]	[illegible]	[illegible]	1.[illegible]					

TOTAL [illegible] OBSERVATIONS [illegible]

A

```
[illegible]
[illegible]

                    [illegible]
                    [illegible]
...........................................................
[illegible]
[illegible]
...........................................................
                                   [illegible]   2.1   [illegible]
                                   7.[illegible] [illegible] [illegible]
                                   [illegible]   [illegible] [illegible]
                                   [illegible]   [illegible] [illegible]
                                   [illegible]   [illegible] [illegible]
                                   [illegible]   [illegible] [illegible]
                                   [illegible]   [illegible] [illegible]
                                   [illegible]   [illegible] [illegible]
                                   1[illegible]. [illegible] [illegible]
                                   2[illegible]  [illegible] [illegible]
                                   1[illegible]  [illegible] [illegible]
                                   [illegible]   [illegible] [illegible]
...........................................................

///////////////////////////////////////////// 1[illegible]  /////////////

                                  1[illegible]   [illegible] [illegible]
[illegible]
...........................................................
```

[illegible]

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

STATION NUMBER: [illegible]

DIRECTION (TENTHS)	1-4	4-7	10-14	15-19	[illegible]
(N) 350-[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	1.7	[illegible]	1.1	.1	
[illegible]	1.7	[illegible]	1.1	.1	
(E) [illegible]	[illegible]	[illegible]	[illegible]		
110-1[illegible]	[illegible]	[illegible]	[illegible]		
140-1[illegible]	[illegible]	[illegible]	[illegible]		
(S) 170-1[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]		
(W) 260-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
VARIABLE					
CALM	//				
TOTALS	[illegible]	[illegible]	17.1	[illegible]	.1

TOTAL OBSERVATIONS [illegible]

A

```
[illegible]

[illegible]                    PERIOD OF RECORD: JUN 7[illegible] - JU[illegible]
                               MONTH: JUN     HOURS: 09-11
...............................................................
[illegible] IN KNOTS
-4  [illegible]  [illegible]-24  [illegible]  [illegible]-47  [illegible]-64  [illegible]  TOTAL  [illegible]  [illegible]
...... ........................................................
                                                        9.7     [illegible]     7.[illegible]
                                                        [illegible]     [illegible]     7.[illegible]
                                                        [illegible].7     [illegible]     [illegible]
                                                        [illegible].1     [illegible].7     [illegible]
                                                        [illegible]     [illegible]     [illegible]
                                                        [illegible]     [illegible]     [illegible]
                                                        3.     [illegible]     [illegible]
                                                        [illegible]     [illegible]     [illegible]
                                                        11.[illegible]     [illegible]     [illegible]
                                                        17.[illegible]     [illegible]     [illegible]
.1                                                      1[illegible].[illegible]     [illegible].4     [illegible]
                                                        7.     7.[illegible]     [illegible]
...............................................................

//////////////////////////////////////////////////  [illegible]  /////////////
.1                                                    1[illegible].[illegible]     [illegible]     [illegible]

[illegible]
...............................................................

[illegible] - 4 - [illegible]
```

6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725055 STATION NAME: PEASE AFB NH
LST TO GMT: + 5

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	.4	1.4	.7						
020-040	1.0	1.4	1.8	.1					
050-070	1.1	4.0	.4	.1					
(E) 080-100	[illegible]	[illegible]	[illegible]						
110-130	2.7	7.3	[illegible]						
140-160	[illegible]	[illegible]	[illegible]	.1					
(S) 170-190	1.2	2.5	1.0						
200-220	.9	2.7	[illegible]	.2					
230-250	[illegible]	4.2	1.7						
(W) 260-280	2.2	3.0	[illegible]	.4					
290-310	1.1	4.7	[illegible]	1.2	.2				
320-340	.6	[illegible]	2.0	[illegible]	.1				
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	[illegible]	[illegible]	24.1	3.1	.3				

TOTAL NUMBER OF OBSERVATIONS [illegible]

C - 4 - [illegible]

A

[illegible]QUENCY OF OBSERVED SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: JUN HOURS: 12-16

WIND SPEED (KNOTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL %	[illegible] WIND	[illegible] WIND
[illegible]							2.6	7.3	[illegible]
[illegible]							3.[illegible]	7.[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	7.[illegible]
[illegible]							7.1	[illegible]	[illegible]
[illegible]							12.[illegible]	[illegible].1	[illegible]
[illegible]							1[illegible]	7.[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	7.[illegible]	7.[illegible]
[illegible]							7.	[illegible]	[illegible]
[illegible]							12.[illegible]	[illegible]	[illegible]
[illegible]							11.7	[illegible].7	1[illegible]
[illegible]							[illegible]	1[illegible]	1[illegible]
[illegible]							1.[illegible]	[illegible]	[illegible]
[illegible]							100.[illegible]	7.[illegible]	7.[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND WIND SPEED

STATION NUMBER: 723067 STATION NAME: [illegible]
1ST TO HIGH: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]
(N) 350-019	.4	.5	.7					
020-049	1.4	1.1	1.1					
050-079	1.2	3.2	.9					
(E) 080-109	3.1	2.7	1.0					
110-139	3.2	7.0	1.4					
140-169	2.7	13.1	4.1	.1				
(S) 170-199	1.1	4.0	.[illegible]					
200-229	.9	1.2	.9	.1				
230-259	2.1	4.3	1.0					
(W) 260-289	2.0	6.1	3.0					
290-319	1.6	4.9	4.7	1.1				
320-349	.9	2.9	2.0	.5				
VARIABLE								
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	20.7	54.2	21.7	1.9				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] STATION

[illegible] PERIOD OF OBS: JUL 73 - JUN [illegible]
MONTH: JUN HOURS: 15-17

SPEED IN KNOTS [illegible]	23-27	28-33	34-40	41-47	48-54	55-63	TOTAL %	CUM %	[illegible] %
[illegible]							1.7	7.7	[illegible]
[illegible]							3.7	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	7.[illegible]
[illegible]							[illegible]	1.7	[illegible]
[illegible]							12.4	[illegible]	[illegible]
[illegible]							[illegible]	7.4	7.[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							3.3	[illegible].7	[illegible]
[illegible]							[illegible].4	[illegible]	[illegible]
[illegible]							11.1	7.3	7.[illegible]
[illegible]							12.2	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							2.1	//////////	
[illegible]							100.0	7.0	7.0

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION [illegible] PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	[illegible]
(N) 350-019	1.7	1.0	.2							
020-049	1.1	2.3	.3							
050-079	1.4	2.9	[illegible]							
(E) 080-109	[illegible]	3.2	.7							
110-139	4.1	3.2	.1							
140-169	[illegible]	[illegible]	[illegible]							
(S) 170-199	4.2	4.1	.1							
200-229	[illegible]	3.2	[illegible]							
230-259	[illegible]	2.3	[illegible]							
(W) 260-289	[illegible]	2.9	1.0							
290-319	[illegible]	4.5	[illegible]	.2						
320-349	1.9	[illegible]	2.3	.4						
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	41.9	33.7	9.0	.9						

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

A

NCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: JUN HOURS: 13-23

SPEED IN KNOTS [illegible]	20-23	30-34	35-39	40-49	50-54	55-65	TOTAL %	MEAN WIND	[illegible] WIND
							2.9	4.0	4.1
							3.	5.[illegible]	[illegible]
							[illegible]	5.7	[illegible]
							[illegible]	[illegible]	[illegible]
							7.5	4.4	[illegible]
							17.5	4.5	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							7.[illegible]	4.4	[illegible]
							7.[illegible]	[illegible]	[illegible]
							11.[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
//							1[illegible]	//////////////	
							1[illegible].0	4.[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

[illegible] - 4 - [illegible]

D

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE NC — [illegible]

STATION NUMBER: [illegible] — STATION NAME: [illegible]
LST TO UTC: + [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-17	20-24	25-27	30-34	[illegible]	[illegible]	[illegible]
(N) 350-010	1.7	1.3	.4							
020-040	2.3	1.4	.3							
050-070	2.0	1.5	.7	.1						
(E) 080-100	1.3	.4		.1						
110-130	2.0	1.3								
140-160	4.2	1.2	.1							
(S) 170-190	3.4	1.3								
200-220	6.3	3.2	.3							
230-250	5.1	3.3	.1							
(W) 260-280	1.3	.7	.7							
290-310	4.7	3.1	1.3	.2						
320-340	2.4	1.0	.7		.1					
VARIABLE										
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	45.1	24.5	4.2	.5	.1					

TOTAL NUMBER OF OBSERVATIONS 47

[illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: JUN HOURS: 21-23

SPEED IN KNOTS							TOTAL	[illegible]	[illegible]
[illegible]	25-29	30-34	35-39	40-49	50-54	55-65	[illegible]	[illegible]	[illegible]
							3.5	4.2	5.2
							4.1	4.3	4.0
							4.3	5.0	4.0
							7.[illegible]	4.0	4.0
							3.3	3.2	4.0
							[illegible]	4.[illegible]	4.0
							[illegible]	5.2	4.0
							3.[illegible]	4.2	4.[illegible]
							3.0	4.1	4.0
							11.0	[illegible]	4.0
							3.0	5.4	4.0
.1							[illegible]	5.1	4.0
//////////							3[illegible].2	//////////	
.1							100.0	4.[illegible]	4.0

[illegible] OBSERVATIONS 497

[illegible] - 4 - [illegible]

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION AND SPEED
FROM HOURLY OBS. (ATI)

STATION NUMBER: 723053 STATION NAME: [illegible] AFB, [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47	[illegible]
(N) 350-010	1.5	1.5	.5	.1						
020-040	1.4	1.[illegible]	.5	.0						
050-070	1.[illegible]	2.7	.5	.1						
(E) 080-100	2.2	2.[illegible]	.4	.1						
110-130	2.4	3.1	.4							
140-160	3.[illegible]	4.5	1.1	.0						
(S) 170-190	2.5	1.0	.3							
200-220	3.2	2.4	.4	.0						
230-250	4.[illegible]	4.2	.5							
(W) 260-280	5.[illegible]	5.4	2.2	.1						
290-310	3.[illegible]	4.[illegible]	2.[illegible]	.[illegible]	.[illegible]					
320-340	2.[illegible]	2.4	1.4	.3	.[illegible]					
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	35.2	35.2	11.5	1.3						

TOTAL NUMBER OF OBSERVATIONS 7125

A

[illegible]NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] TRIPLY [illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: JUN HOURS: ALL

SPEED IN KNOTS [illegible]-27	28-34	35-39	40-49	50-64	65-	TOTAL %	MEAN	MEDIAN
						[illegible]	[illegible]	[illegible]
						3.7	3.7	[illegible]
						4.7	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						4.5	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						4.7	4.7	[illegible]
						[illegible]	[illegible]	[illegible]
						3.7	[illegible]	[illegible]
						14.8	[illegible]	[illegible]
						11.[illegible]	7.1	[illegible]
						[illegible].7	[illegible].7	[illegible]
//						14.1	//////////////	
						100.[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

```
OPERATING LOCATION "A"              PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
USAFETAC, ASHEVILLE NC                                   [illegible]

STATION NUMBER: 726[illegible]   STATION NAME: PEASE AFB NH                  [illegible]
                               LST TO UTC: + 5                                [illegible]
.................................................................................
CATEGORY A:  CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY [illegible]
                                         AND/OR
                  VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4[illegible]
.................................................................................
                                                WIND SPEED IN KNOTS
    DIRECTION       1-4     5-9   10-14   15-19   20-24   25-29   30-34   [illegible]
.................................................................................
    (DEGREES)
.................................................................................
(N) 350-010         [illegible].5     4.[illegible]     1.[illegible]      .4

    020-040         [illegible]     [illegible]     2.3      .[illegible]

    050-070          .      [illegible]     [illegible].1      .1

(E) 080-100         [illegible].7     [illegible]      .[illegible]      .[illegible]

    110-130         [illegible].      3.[illegible]      .[illegible]

    140-160         [illegible].      [illegible]      .[illegible]

(S) 170-190         [illegible].1      .7      .[illegible]

    200-220         [illegible].[illegible]     1.7      .[illegible]

    230-250         [illegible].[illegible]      .

(W) 260-280          .[illegible]      .

    290-310          .[illegible]      .[illegible]      .1

    320-340         1.      1.[illegible]      .4

.................................................................................
  VARIABLE

  CALM         /////////////////////////////////////////////////////////////////

  TOTALS          4[illegible].4    [illegible].7     [illegible]     1.[illegible]

                                  TOTAL NUMBER OF OBSERVATIONS [illegible]
.................................................................................
```

A

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]	TOTAL	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
[illegible]	11.1	2.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13.1	[illegible]	[illegible]
[illegible]	100.0	4.7	[illegible]

[illegible]

OPERATING LOCATION "A"
USAF TAC, ARTVILL [illegible]

STATION NUMBER [illegible]

STATION NAME [illegible]
LST TO UTC: [illegible]

DIRECTION (TRUE)	[illegible]	[illegible]	10-14	15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(N) [illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]							
(E) [illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]						
(S) [illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]							
(W) [illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]							
VARIABLE									
[illegible]									
TOTALS	[illegible]	[illegible]	[illegible]						

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

```
 ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
    FROM HOURLY OBSERVATIONS

                                 PERIOD OF RECORD:  JUL 7[illegible] - [illegible]
                                 MONTH: JUL        HOURS: [illegible]
.....................................................................
   WIND SPEED IN KNOTS
 [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  50-54  GE 55   TOTAL   MEAN    MEDIAN
                                                                          WIND    WIND
.....................................................................
                                                          2.4      5.[illegible]     4.[illegible]

                                                          2.[illegible]      4.[illegible]     [illegible]

                                                          1.[illegible]      3.[illegible]     .[illegible]

                                                          1.4      2.2     2.[illegible]

                                                          [illegible].6      3.2     3.[illegible]

                                                          [illegible].4      [illegible]     [illegible]

                                                          [illegible]      [illegible]     [illegible]

                                                          7.[illegible]      4.[illegible]     [illegible]

                                                         11.[illegible]      [illegible]     .[illegible]

                                                         2[illegible].7      [illegible]     [illegible]

                                                         1[illegible]      [illegible]     [illegible]

                                                          [illegible].1      [illegible]     [illegible]
.....................................................................

 /////////////////////////////////////////////////////   33.1   /////////////

                                                        1[illegible]      2.6     3.[illegible]
   TOTAL OBSERVATIONS   93[illegible]
.....................................................................
```

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE, NC FROM HOURLY [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
EST TO UTC: + [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-[illegible]
(N) 350-010	2.2	1.3							
020-040	1.7	.3							
050-070	1.[illegible]	.[illegible]							
(E) 080-100	.3								
110-130	.[illegible]	.[illegible]							
140-160	[illegible]	.2							
(S) 170-190	[illegible]	.[illegible]							
200-220	[illegible].9	1.7	.1						
230-250	[illegible].4	2.[illegible]	.1						
(W) 260-280	12.[illegible]	[illegible].2	.1						
290-310	[illegible].6	2.[illegible]	.2						
320-340	[illegible].2	.9							
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	[illegible]0.1	17.[illegible]	.[illegible]						

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - [illegible] - [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUL HOURS: 03-05

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	2-[illegible]	[illegible]-34	[illegible]-39	40-49	50-64	65 OR			
							3.4	[illegible]	[illegible]
							[illegible]	3.3	[illegible]
							[illegible]	3.7	[illegible]
							[illegible]	[illegible]	[illegible]
							1.6	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	3.7	[illegible]
							11.1	[illegible]	[illegible]
							17.3	3.7	[illegible]
							11.[illegible]	3.7	[illegible]
							[illegible].1	3.1	[illegible]
//////////	//////////	//////////	//////////	//////////	//////////	//////////	32.5	//////////	//////////
							100.0	2.5	[illegible]

[illegible] OBSERVATIONS [illegible]

[illegible] - 4 - [illegible]

6

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OPERATING LOCATION "A"            PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC                              FROM HOURLY OBSERVATIONS

STATION NUMBER: 725055     STATION NAME: [illegible]                      [illegible]
                           LST TO UTC: + 5                                    MONTH:
.......................................................................................
                                                       WIND SPEED IN KNOTS
   DIRECTION        1-4     5-9  10-14  15-19  20-24  25-29  30-34  35-39  40-47
   (DEGREES)
.......................................................................................
(N) 350-010         2.2     2.3

    020-040         2.5     1.1

    050-070         1.7     1.0     .2

(E) 080-100         1.5      .5

    110-130         1.5      .3

    140-160         1.[illegible]      .4

(S) 170-190         2.9     1.0     .1

    200-220         [illegible]     1.9     .1

    230-250         [illegible]     4.7     .1

(W) 260-280        11.5     7.0     .4

    290-310         5.5     4.5    1.[illegible]     .1

    320-340         [illegible]     1.[illegible]     .4

.......................................................................................
   VARIABLE

   CALM     ///////////////////////////////////////////////////////////////////////

   TOTALS           [illegible]    27.2    3.1     .1

                                         TOTAL NUMBER OF OBSERVATIONS    [illegible]
.......................................................................................
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3 - 4 - [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 74
MONTH: JUL HOURS: 05-08

DIRECTION IN KNOTS	20-29	30-34	35-39	40-49	50-54	55-65	TOTAL %	TOTAL WIND	MEAN WIND
							4.7	4.3	3.5
							3.7	4.1	4.0
							2.0	4.0	4.0
							2.3	4.0	4.0
							1.3	3.0	3.0
							2.0	2.7	4.3
							4.0	3.7	3.0
							7.0	3.9	4.0
							14.1	4.1	4.0
							12.3	4.3	4.0
							13.0	3.3	4.0
							3.0	4.3	4.0
							15.5		
							100.0	3.9	4.0

OBSERVATIONS 400

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBS VATIONS

STATION NUMBER: 726595 STATION NAME: PEASE AFB, NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-
(N) 350-010	1.5	1.7	.4							
020-040	1.2	1.7	.5	.1						
050-070	2.5	2.2	.1							
(E) 080-100	3.1	1.8								
110-130	2.3	2.0	.1							
140-160	2.[illegible]	2.7	.5							
(S) 170-190	2.3	1.2	.1							
200-220	6.4	3.4	.[illegible]							
230-250	6.5	6.3	.2							
(W) 260-280	5.3	6.9	2.0							
290-310	5.4	5.5	3.5	.4						
320-340	1.7	3.3	1.[illegible]	.2						
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	37.5	42.7	11.4	.[illegible]						

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: JUL HOURS: 09-11

SPEED IN KNOTS [illegible]	21-24	30-34	35-39	40-49	50-54	55-56	TOTAL %	MEAN WIND	[illegible] WIND
							3.7	5.7	5.[illegible]
							3.5	5.1	5.[illegible]
							4.7	4.6	4.[illegible]
							4.9	4.2	4.[illegible]
							4.4	4.9	4.[illegible]
							3.[illegible]	4.1	4.[illegible]
							3.5	4.3	4.[illegible]
							3.7	4.3	4.[illegible]
							1[illegible].5	4.9	[illegible]
							1[illegible].4	5.1	5.[illegible]
							1[illegible].9	7.4	7.[illegible]
							[illegible]	7.[illegible]	[illegible]
//							2.[illegible]	//////////////	
							100.[illegible]	[illegible]	[illegible]
[illegible] OBSERVATIONS [illegible]									

[illegible] - 4 - [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY [illegible] OBSERVATIONS

STATION NUMBER: 72[illegible]55 STATION NAME: [illegible] AFB NC [illegible]
LST TO UTC: + 5 MONTH: J[illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-[illegible]	30-34	35-[illegible]	[illegible]-40	[illegible]
(N) 350-010	.3	1.1	.3							
020-040	.3	.5	.2							
050-070	2.3	1.2								
(E) 080-100	1.5	4.3	.1							
110-130	3.1	3.3	.5							
140-160	2.[illegible]	2.[illegible]	2.2	.1						
(S) 170-190	.2	2.3	1.0							
200-220	2.3	4.5	.2							
230-250	3.1	7.7	1.0							
(W) 260-280	3.4	9.0	3.[illegible]							
290-310	1.1	4.1	4.7	.0						
320-340	1.[illegible]	2.[illegible]	2.4	.5						
VARIABLE										
CALM	//////////									
TOTALS	24.3	54.3	17.9	1.2						

TOTAL NUMBER OF OBSERVATIONS [illegible]

C - 4 - [illegible]

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUL HOURS: 12-14

WIND SPEED IN KNOTS [illegible]	21-27	28-34	35-39	40-49	50-54	55-65	TOTAL %	MEAN WIND	MEAN WIND
							2.2	5.5	5.2
							2.0	7.2	5.2
							3.2	4.5	4.2
							5.8	5.0	5.2
							12.5	5.3	5.6
							12.7	5.1	5.3
							4.2	5.8	5.3
							7.7	5.1	5.2
							11.[illegible]	5.2	[illegible]
							15.2	[illegible]	7.5
							10.5	9.1	10.[illegible]
							7.5	7.[illegible]	[illegible]
							2.[illegible]		
							100.0	5.5	[illegible]

[illegible] OBSERVATIONS [illegible]

D

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723080 STATION NAME: BASE AFB, NC
LST TO UTC: +5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	.5	.9	.5						
020-040	.7	.3	.4						
050-070	1.1	1.2	.1						
(E) 080-100	2.3	3.0							
110-130	3.3	4.1	.4						
140-160	4.[illegible]	14.1	2.[illegible]	.1					
(S) 170-190	2.7	4.9	1.[illegible]						
200-220	2.7	4.5	1.9	.2					
230-250	3.1	3.4	1.3	.1					
(W) 260-280	3.4	4.[illegible]	2.9						
290-310	1.1	5.1	4.[illegible]	.3	.1				
320-340	.5	2.4	1.5	.5					
VARIABLE									
CALM									
TOTALS	22.7	54.5	15.0	1.2	.1				

TOTAL NUMBER OF OBSERVATIONS 7[illegible]

A

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NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
   FROM HOURLY OBSERVATIONS

                                PERIOD OF RECORD:  JUL 7? - JUN
                                MONTH: JUL      HOURS: 15-17
..........................................................................
  SPEED IN KNOTS
   25-29  30-34  35-39  40-49  50-54  GE 55   TOTAL   MEAN   MEDIAN
                                                %     WIND    [illegible]
..........................................................................
                                                2.0     7.6    [illegible]

                                                [illegible] [illegible] [illegible]

                                                2.4     [illegible] [illegible]

                                                [illegible] [illegible] [illegible]

                                                1?.3    ?.7    [illegible]

                                                ?1.4    [illegible] [illegible]

                                                [illegible] [illegible] [illegible]

                                                ?.7     [illegible] [illegible]

                                                [illegible] [illegible] [illegible]

                                                1?.1    [illegible] [illegible]
.1
                                                1?.?    [illegible] [illegible]

                                                [illegible] [illegible] [illegible]
..........................................................................

///////////////////////////////////////////////////      ...   //////////////
.1                                              10?.?   ?.4    [illegible]

TOTAL OBSERVATIONS    73?
..........................................................................
```

C - 4 - [illegible]

OPERATING LOCATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
USAFETAC, ASHEVILLE, NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]
(N) 350-010	.1	1.3	.3					
020-040	.1	.3	.3	.1				
050-070	1.7	.7	.3					
(E) 080-100	2.1	1.4						
110-130	.1	2.6	.1					
140-160	1.1	.9	.2					
(S) 170-190	.1	2.3	.1					
200-220	.9	4.2	.4					
230-250	.7	2.2						
(W) 260-280	.2	1.5	.2					
290-310	.3	4.5	1.7	.4				
320-340	1.7	2.0	1.0					
VARIABLE								
CALM								
TOTALS	10.7	34.3	4.1	.5				

TOTAL NUMBER OF THIS VARIABLE [illegible]

[illegible]

[illegible]

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: JUL HOURS: 15-24

SPEED (KNOTS)								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
						2.0	0.0	0.0
						1.0	0.0	0.0
						2.0	0.0	0.0
						4.0	0.0	0.0
						7.7	0.0	0.0
						1.0	0.0	0.0
						1.0	1.0	0.0
						0.0	0.0	0.0
						0.0	0.0	0.0
						5.1	0.1	0.0
						1.0	0.0	0.0
						0.0	0.1	0.0
						11.1		
						100.0	0.0	0.0

[illegible] VALUES [illegible]

[illegible] - 4 - 87

OPERATING LOCATION "A"
USAFETAC, [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]

STATION NO: [illegible]

STATION NAME: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-16	17-21	22-26	27-31	32-36	[illegible]	[illegible]
(N) 350-010	1.3	1.2	.1						
020-040	1.3	1.4							
050-070	1.7	.2							
(E) 080-100	1.	.3	.1						
110-130	2.7	.4	.1						
140-160	2.2	1.1							
(S) 170-190	4.	1.3							
200-220	7.4	4.3	.4						
230-250	7.	2.7							
(W) 260-280	5.7	2.3	.1						
290-310	4.3	2.3							
320-340	4.1	1.5	.3	.1					
VARIABLE									
CALM									
TOTAL	47.4	23.7	1.1	.1					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

B

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] MONTHLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUL HOURS: 21-23

WIND SPEED IN KNOTS							TOTAL	MEAN WIND	STDEV
[illegible]	[illegible]	30-34	35-39	40-49	50-54	55	[illegible]	[illegible]	[illegible]
							2.5	[illegible]	[illegible]
							2.7	[illegible]	[illegible]
							1.7	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							3.3	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							12.[illegible]	[illegible]	[illegible]
							12.[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							7.1	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
//							23.4	//////////	
							100.[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723053 STATION NAME: PEAS. AFB, FL
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	1.3	1.0	.2						
020-040	1.4	.9	.3	.0					
050-070	1.7	1.0	.1						
(E) 080-100	1.2	1.5	.2						
110-130	1.	3.0	.2						
140-160	4.2	4.3	.7	.0					
(S) 170-190	3.4	2.1	.3						
200-220	4.5	3.4	.5	.0					
230-250	.4	4.3	.4	.0					
(W) 260-280	7.4	5.3	1.1						
290-310	4.0	4.0	1.2	.2	.0				
320-340	2.7	2.1	1.1	.0					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	42.3	33.2	6.2	.4					

TOTAL NUMBER OF OBSERVATIONS 7469

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUL HOURS: ALL

WIND SPEED IN KNOTS [illegible]	17-21	22-26	27-30	31-40	41-48	49-64	65-99	TOTAL %	MEAN WIND	MEDIAN WIND
								2.9	5.1	5.0
								2.8	5.2	4.0
								2.7	4.2	4.0
								5.4	4.5	4.0
								[illegible]	4.0	[illegible]
								9.4	5.0	[illegible]
								7.3	4.3	[illegible]
								7.3	[illegible]	[illegible]
								11.1	4.0	4.0
								13.[illegible]	4.9	4.0
								10.7	5.1	[illegible]
								6.1	[illegible]	[illegible]
								17.0		
								100.0	4.2	4.0

[illegible] OBSERVATIONS 7440

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBS VALUES

STATION NUMBER: 723055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH:

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY 5 1/2 MILES
AND/OR
VISIBILITY OF 1/2 MILE (0500 METERS) BUT LESS THAN 3 MILES (4800 METERS)

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-7	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	3.4	2.5	.5						
020-040	4.5	5.7	1.7	.1					
050-070	5.2	5.4	.5						
(E) 080-100	4.7	2.5	.1						
110-130	5.4	4.3	.5						
140-160	5.2	2.5	.3	.1					
(S) 170-190	5.3	1.5	.1						
200-220	1.7	1.5	.1	.2					
230-250	3.0	.5							
(W) 260-280	2.2	.3							
290-310	1.7	.3		.1					
320-340	2.4	1.6	.5						
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	45.0	32.4	4.3	.5					

TOTAL NUMBER OF OBSERVATIONS 473

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

NAS [illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: JUL HOURS: ALL

[illegible] WITH VISIBILITY GE 1/2 MILE (800 METERS).

[illegible] BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

[illegible] IN KNOTS

[illegible]	22-27	28-33	34-39	40-47	48-54	GE 55	TOTAL %	MEAN WIND	A WIND
							[illegible].4	4.0	[illegible]
							12.[illegible]	[illegible]	[illegible]
							12.0	4.0	[illegible]
							7.7	4.2	[illegible]
							11.	[illegible]	[illegible]
							10.2	[illegible]	[illegible]
							[illegible].0	4.1	[illegible]
							[illegible].1	[illegible].1	[illegible]
							3.[illegible]	3.0	[illegible]
							2.[illegible]	3.4	3.[illegible]
							[illegible].7	[illegible]	[illegible]
							3.0	4.[illegible]	[illegible]
//////////	//////////	//////////	//////////	//////////	//////////	//////////	18.7	//////////	//////////
							100.0	3.8	4.0

[illegible] OBSERVATIONS [illegible]

[illegible] - 4 - 7[illegible]

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723053 STATION NAME: OCALA AFB FL
LST TO UTC: + 5

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-17	20-24	25-29	30-34	35-39	40-49
(N) 350-010	3.1	1.1	.2						
020-040	2.2	1.4	.4						
050-070	1.0	.2	.1						
(E) 080-100	1.[illegible]								
110-130	.5	.1							
140-160	2.2	1.4							
(S) 170-190	[illegible]	1.5	.1						
200-220	5.7	1.3							
230-250	7.[illegible]	2.7							
(W) 260-280	[illegible]	3.5	.3	.1					
290-310	5.9	3.1	.1	.2					
320-340	4.0	1.1		.[illegible]					
VARIABLE									
CALM	//////////								
TOTALS	4[illegible].2	15.2	2.[illegible]	.5					

TOTAL NUMBER OF OBS PERIODS 230

C - 4 - 71

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 71 - JUN
MONTH: AUG HOURS: 00-02

WIND SPEED IN KNOTS									
[illegible]	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							9.4	4.3	[illegible]
							4.0	[illegible]	[illegible]
							1.9	[illegible]	[illegible]
							1.2	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							3.0	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							7.0	[illegible]	[illegible]
							10.0	[illegible]	[illegible]
							11.3	[illegible]	[illegible]
							13.0	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							30.4		
							100.0	[illegible]	[illegible]

TOTAL OBSERVATIONS 330

[illegible] - [illegible] - 71

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OPERATING LOCATION "A"              PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC                          FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055      STATION NAME: PEASE AFB NH                        PERIOD
                            LST TO UTC: + 5                                   MONTH:
......................................................................................
                                             WIND SPEED IN KNOTS
  DIRECTION       1-4     5-9   10-14  15-19  20-24  25-29  30-34  35-39  40-44
  (DEGREES)
......................................................................................
(N) 350-010       2.0     1.1    .5

    020-040       2.2     1.6    .3

    050-070        .7      .1    .2

(E) 080-100        .3

    110-130       1.1      .3

    140-160        .4     1.0

(S) 170-190       2.4  [illegible]

    200-220       5.1     1.9    .1

    230-250       7.0     2.4

(W) 260-280       7.2     3.3    .2

    290-310      10.0     2.6    .9

    320-340       4.1      .9

......................................................................................
  VARIABL

  CALM      ///////////////////////////////////////////////////////////////////////

  TOTALS         42.5    15.7    2.5

                                     TOTAL NUMBER OF OBSERVATIONS   [illegible]
......................................................................................
```

[illegible] - 4 - [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY TASK VARIANS

PERIOD OF RECORD: JUL 73 - JUN 84
MONTH: AUG HOURS: 03-09

WIND SPEED IN KNOTS

[illegible]	[illegible]	30-34	35-39	40-49	50-54	55-65	TOTAL %	[illegible] WIND	[illegible] WIND
							4.7	4.5	4.0
							4.3	5.5	4.5
							1.[illegible]	7.7	[illegible]
							[illegible]	3.7	[illegible]
							1.4	3.7	[illegible]
							3.3	4.0	4.0
							3.1	3.2	[illegible]
							7.1	[illegible]	[illegible]
							[illegible]	3.7	[illegible]
							12.[illegible]	[illegible]	4.[illegible]
							15.4	[illegible]	3.0
							[illegible]	[illegible]	[illegible]
							32.[illegible]		
							100.0	3.7	4.0

TOTAL OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 725065 STATION NAME: [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	4.3	1.9	.2	.1					
020-040	1.3	2.5	1.0	.2					
050-070	1.7	1.2	.4						
(E) 080-100	1.1	.3	.1						
110-130	1.0	.1							
140-160	2.4	.4	.3						
(S) 170-190	2.3	.3							
200-220	4.3	2.2	.2						
230-250	3.5	4.3	.1						
(W) 260-280	3.8	5.6	.4						
290-310	1.2	2.2	1.2	.1					
320-340	4.7	2.0	.5	.1					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	49.1	25.7	4.5	.2					

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - 4 - 75

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] DUPLEX INSTALLATION

[illegible] PERIOD OF OBSERVATION: JUL 7[illegible] - JUN [illegible]
MONTH: AUG HOURS: [illegible]

[illegible] KNOTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL %	MEAN SPEED	MEDIAN SPEED
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.5	4.4	3.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.5	5.5	5.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.1	4.[illegible]	4.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	3.3	3.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	4.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.[illegible]	3.5	3.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	4.1	4.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible].1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible].7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	4.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.4	4.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.[illegible]	3.[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION NAME — PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE NC — [illegible]

STATION NUMBER: 72[illegible] — STATION NAME: [illegible]
LST TO UTC: + 5

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]	[illegible]
(N) 350-010	2.5	[illegible]	.[illegible]							
020-040	2.2	1.5	1.4							
050-070	3.[illegible]	[illegible].2	.[illegible]	.1						
(E) 080-100	2.5	2.3								
110-130	3.[illegible]	2.7	.1							
140-160	[illegible]	[illegible]	.[illegible]							
(S) 170-190	1.3	2.[illegible]	.1							
200-220	[illegible]	[illegible].1	.[illegible]							
230-250	7.4	[illegible].7	.[illegible]	.1						
(W) 260-280	[illegible].7	7.7	1.2	.2						
290-310	[illegible]	[illegible]	2.[illegible]	.[illegible]	.1					
320-340	[illegible]	3.4	1.7	.[illegible]						
VARIABLE										
CALM										
TOTALS	[illegible].7	41.1	[illegible].7	1.[illegible]	.1					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

```
[illegible] OCCURRENCE [illegible] DIRECTION VERSUS [illegible]
    [illegible] HOURLY [illegible]

                         [illegible] OF [illegible]:  JUL 7[illegible] - JU[illegible]
                         [illegible]: AUG        [illegible]S: [illegible]-11
..................................................................
  [illegible] IN KNOTS
  [illegible]  [illegible]-34  [illegible]  [illegible]  [illegible]-54  [illegible]  TOTAL  [illegible]  [illegible]
..................................................................
                                            [illegible].4   [illegible].4   [illegible]

                                            [illegible].1   [illegible].3   [illegible]

                                            [illegible]     [illegible]     [illegible]

                                            [illegible].7   [illegible].4   [illegible]

                                            [illegible].7   [illegible]     [illegible]

                                               .7   [illegible]     [illegible]

                                            [illegible]     [illegible]     [illegible]

                                            [illegible]     [illegible]     [illegible]

                                            1[illegible]    [illegible]     [illegible]

                                            1[illegible]    [illegible]     [illegible]

                                            11.[illegible]  7.[illegible]   [illegible]

                                               .7   [illegible]     [illegible]
..................................................................

//////////////////////////////////////////////  [illegible]  /////////////

.1                                        100.0   [illegible].2   [illegible]
  [illegible] OBSERVATIONS [illegible]
..................................................................
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- 4 - 74

B

OPERATING LOCATION NAME: PERCENTAGE FREQUENCY OF HOURLY OBS. BY WIND DIRECTION AND WIND SPEED

USAFETAC, ASHEVILLE, NC

STATION NUMBER: [illegible] STATION NAME: [illegible]

SET IDENTIFIER: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(N) 350-010	.3	1.4	.5	.1					
020-040	.4	1.0	.2	.1					
050-070	1.3	1.7	1.0	.1					
(E) 080-100	2.2	.6	.4						
110-130	3.1	1.0	.6						
140-160	2.7	1.1	1.0						
(S) 170-190	1.5	3.1	.2						
200-220	1.5	2.7	1.4	.1					
230-250	4.2	7.[illegible]	1.7						
(W) 260-280	2.7	7.[illegible]	1.[illegible]	.3					
290-310	1.0	6.0	3.3	.7	.1				
320-340	1.0	1.[illegible]	1.1	.2					
VARIABLE									
CALM									
TOTALS	24.3	57.3	15.[illegible]	1.4	.1				

TOTAL NUMBER OF OBS. PERIODS [illegible]

```
UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
    - IN HOURLY OBSERVATIONS

                                      PERIOD OF RECORD:  JUL 73 - JUN [illegible]
                                      MONTH: AUG      HOURS: 12-14
..............................................................
    SPEED IN KNOTS
-24  25-29  30-34  35-39  40-49  50-54  GE 55   TOTAL   MEAN    MEDIAN
                                                  %     WIND    WIND
..............................................................
                                                 2.9     7.0     7.[illegible]

                                                 2.4     7.7     6.5

                                                 4.1     7.2     [illegible]

                                                 7.3     5.4     5.0

                                                13.[illegible]     5.9     5.[illegible]

                                                14.5     6.5     7.0

                                                 4.9     5.7     5.5

                                                 5.7     6.7     6.0

                                                13.7     6.2     6.0

                                                11.[illegible]     6.[illegible]     [illegible]

   .1                                           11.[illegible]     9.1     9.[illegible]

                                                 6.1     7.5     7.0
..............................................................

///////////////////////////////////////////////   1.8   /////////////

   .1                                          100.0     6.6     6.0

          OBSERVATIONS   9[illegible]
..............................................................
```

b

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF FOG AND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726366 STATION NAME: PITTSBURGH PA
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	.4	1.0	.4						
020-040	1.0	1.7	.5						
050-070	1.1	1.2	.3	.2					
(E) 080-100	2.2	3.3	.2						
110-130	4.3	7.6	1.0						
140-160	9.	17.5	2.3	.1					
(S) 170-190	2.2	3.7	.7						
200-220	1.7	2.7	.4						
230-250	2.2	5.3	1.1						
(W) 260-280	1.5	5.2	1.3	.5					
290-310	1.3	3.2	3.2	.8					
320-340	1.1	2.4	1.1	.3					
VARIABLE									
CALM									
TOTALS	25.3	57.4	14.6	1.2					

TOTAL NUMBER OF OBSERVATIONS 493

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: AUG HOURS: 15-17

WIND SPEED IN KNOTS [illegible]	25-27	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN (KTS)	MEDIAN (KTS)
							1.8	7.3	[illegible]
							3.3	5.5	5.0
							3.2	7.2	5.0
							[illegible].1	5.5	5.0
							13.2	5.5	5.0
							20.4	5.5	5.0
							7.6	5.5	5.0
							[illegible].8	5.2	5.0
							[illegible]	5.2	5.0
							3.[illegible]	7.3	7.0
							10.8	5.2	5.0
							5.0	3.1	[illegible]
//////////							1.2	//////////	
							100.[illegible]	6.0	5.0

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM JULY [illegible] VARIOUS

STATION NUMBER: 725053 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-210	1.3	1.5	.5						
020-040	1.4	1.4							
050-070	2.4	.5	.5						
(E) 080-100	2.5	1.7	.5						
110-130	2.8	1.7	.1						
140-160	13.5	7.1							
(S) 170-190	5.5	3.3							
200-220	3.7	2.5	.3						
230-250	3.1	2.4	.1						
(W) 260-280	3.2	1.2	.2		.1				
290-310	3.4	2.5	1.0	.1	.1				
320-340	1.1	2.5	1.1	.2					
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	49.[illegible]	27.1	4.5	.3	.2				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

ATION [illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: AUG HOURS: 18-20

WIND SPEED IN KNOTS

[illegible]	25-29	30-34	35-39	40-49	50-64	65 & ↑	TOTAL %	MEAN WIND	MEDIAN WIND
							4.0	5.7	5.0
							2.8	4.8	4.5
							2.0	4.5	4.0
							4.8	5.2	5.2
							4.0	4.1	4.0
							29.0	4.1	4.0
							3.0	5.2	5.0
							[illegible]	4.0	4.0
							7.0	4.0	4.0
.1							4.8	6.0	6.0
.1							7.0	5.0	5.0
							4.0	7.1	6.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.0	//////////	//////////
.0							100.0	3.[illegible]	4.0

OF OBSERVATIONS 726

2 - 4 - 77

OPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 725055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 POSITIONS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.0	1.7	.1						
020-040	2.0	1.5	.2						
050-070	1.5	.6	.3	.1					
(E) 080-100	1.1	.2	.2						
110-130	1.4	.3	.2						
140-160	3.0	1.0	.2						
(S) 170-190	5.5	2.5	.1						
200-220	7.4	3.2							
230-250	7.0	3.4	.1						
(W) 260-280	5.1	2.3	.2		.3				
290-310	4.5	2.2	.2	.2					
320-340	2.2	1.5	.2	.1					
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	44.8	20.9	2.5	.4	.3				

TOTAL NUMBER OF OBSERVATIONS 356

C - 4 - 7

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY USAF ANALYSES

PERIOD OF RECORD: JUL 79 - JUN 80
MONTH: AUG HOURS: 21-23

WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-29	30-39	40-49	50-64	65 UP	TOTAL %	MEAN WIND	MEDIAN WIND
									3.9	5.1	4.0
									3.9	4.9	4.5
									2.9	5.1	4.2
									1.9	4.4	4.0
									1.9	4.2	3.0
									4.2	3.[illegible]	3.0
									4.5	3.8	4.0
									10.6	3.7	3.0
									10.2	3.9	3.0
.3									9.0	4.4	3.0
									7.2	4.7	4.0
									4.[illegible]	4.[illegible]	4.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	31.3	//////////	//////////
.3									100.0	3.8	4.3

TOTAL OBSERVATIONS 350

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF HORIZONTAL SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY LST VALUES

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 UNITS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	2.3	1.5	.4	.0					
020-040	1.7	1.5	.[illegible]	.0					
050-070	1.5	1.1	.4	.1					
(E) 080-100	1.5	1.6	.2						
110-130	2.2	2.4	.3						
140-160	4.2	5.1	.7	.3					
(S) 170-190	2.3	2.3	.1						
200-220	4.3	2.7	.3	.0					
230-250	5.0	4.4	.5	.0					
(W) 260-280	5.3	4.7	.7	.1	.1				
290-310	5.1	3.5	1.0	.3	.0				
320-340	2.3	2.0	.4	.2					
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	41.3	33.4	7.1	.7	.1				

TOTAL NUMBER OF OBSERVATIONS 7443

A C - 4 - 7[illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN 80
MONTH: AUG HOURS: ALL

DIR	SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]												4.2	5.2	4.0
[illegible]												3.0	5.4	5.0
[illegible]												3.3	5.6	5.0
[illegible]												3.5	5.0	4.0
[illegible]												3.3	5.2	5.0
[illegible]												10.1	5.3	5.0
[illegible]												3.7	4.4	4.7
[illegible]												7.3	4.3	4.0
[illegible]												10.7	4.5	4.0
[illegible]												11.4	5.0	4.0
[illegible]												10.0	5.0	4.0
[illegible]												5.0	5.0	5.0
[illegible]												17.5		
[illegible]												100.0	4.3	5.0

[illegible] OBSERVATIONS 7443

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726050 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 YEARS:

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 M

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50
(N) 350-010	4.9	4.1	1.9	.1						
020-040	5.0	7.1	4.5	.3						
050-070	3.4	4.5	2.6	.2						
(E) 080-100	4.2	2.3	1.0							
110-130	2.5	1.3	.9							
140-160	4.3	2.7	1.7							
(S) 170-190	2.3	2.1	.3							
200-220	2.3	1.3	.3							
230-250	2.3	.5								
(W) 260-280	2.7	.5								
290-310	1.2	.3								
320-340	1.1	.9	.2	.3						
VARIABLE										
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	41.5	28.9	13.5	.9						

TOTAL NUMBER OF OBSERVATIONS 3[illegible]5

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: AUG HOURS: ALL

[illegible] WITH VISIBILITY OF 1/2 MILE (0800 METERS).

[illegible] BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

WIND SPEED IN KNOTS

0-24	25-31	32-39	40-49	50-54	55-65	TOTAL	MEAN	MEDIAN
						%	KNOTS	KNOTS
						11.0	6.2	5.0
						15.1	5.2	3.0
						12.5	5.0	3.2
						7.5	5.2	4.2
						5.2	5.5	5.0
						5.5	5.1	4.0
						5.4	4.2	4.0
						5.2	4.2	4.0
						3.4	3.3	3.2
						3.3	3.0	3.2
						1.5	3.3	3.2
						2.2	3.	2.2
						14.5		
						100.0	4.4	5.0

TOTAL OF OBSERVATIONS 8[illegible]5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBS. (ATI [illegible])

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	5
(N) 350-010	3.3	1.2	.2							
020-040	2.5	2.9	.3							
050-070	1.0	2.0	.4							
(E) 080-100	.7	.6								
110-130	.4	.4	.1	.1						
140-160	1.6	.3	.2		.1					
(S) 170-190	2.0	1.1								
200-220	3.6	2.4	.4							
230-250	3.7	3.7								
(W) 260-280	5.2	4.5	.1							
290-310	5.7	3.3	.6							
320-340	4.7	1.4	.3							
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	43.5	24.1	2.8	.1	.1					

TOTAL NUMBER OF OBSERVATIONS 700

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: SEP HOURS: 00-02

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							[illegible]	4.0	3.0
							5.[illegible]	5.3	5.0
							3.4	5.[illegible]	6.0
							1.2	4.2	4.0
							1.1	5.7	5.0
.1							[illegible]	4.[illegible]	[illegible]
							3.1	3.[illegible]	4.0
							5.6	4.[illegible]	4.0
							12.[illegible]	4.[illegible]	[illegible]
							13.1	4.3	4.0
							11.5	4.1	3.0
							9.4	3.[illegible]	[illegible]
//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.3	//////////	//////////
.1							100.0	3.0	4.0

NO. OF OBSERVATIONS 799

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 725055 STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	2.7	1.2	.5						
020-040	4.1	2.2	.6						
050-070	2.1	1.7	.6	.2					
(E) 080-100	.4	.5							
110-130	.9	.3							
140-160	2.2		.2						
(S) 170-190	1.0	.3							
200-220	2.4	2.6	.1						
230-250	7.3	4.3	.1						
(W) 260-280	1.0	.1	.2						
290-310	2.1	2.3	1.0						
320-340	1.2	1.7	.4						
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	44.6	21.9	3.7	.2					

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AFB NH PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 03-05

WIND SPEED IN KNOTS 1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							4.4	4.3	4.0
							6.9	4.5	4.0
							4.6	5.2	5.0
							1.0	4.3	5.0
							1.2	3.4	3.0
							2.4	3.0	2.0
							1.[illegible]	2.[illegible]	2.0
							5.4	4.4	4.0
							11.[illegible]	4.1	4.0
							12.0	4.0	4.0
							10.[illegible]	4.4	4.1
							5.0	4.0	4.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	31.5	//////////	//////////
							100.0	2.9	4.0

OBSERVATIONS 200

2 - 4 - 82

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	3.0	1.8	.3	.1					
020-040	3.3	3.4	.3	.1					
050-070	2.6	3.2	.5	.3					
(E) 080-100	.4	.4	.1						
110-130	.4	.5							
140-160	1.7	.2	.1						
(S) 170-190	1.4	.4							
200-220	2.3	2.9	.1						
230-250	5.1	4.9	.5						
(W) 260-280	4.6	5.2	.7						
290-310	7.2	4.4	.5	.1					
320-340	4.5	2.1	.7	.1					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	41.7	31.5	4.3	.7					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AT [illegible] PERIOD OF RECORD: JUL 79 - JUN 87
MONTH: SEP HOURS: 06-09

WIND SPEED IN KNOTS									
[illegible]-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							5.2	4.9	4.0
							7.2	5.0	5.0
							5.1	5.4	5.0
							1.0	5.0	5.0
							1.0	4.3	5.0
							2.0	3.0	3.0
							1.4	3.4	3.0
							5.3	4.7	5.2
							11.0	4.4	4.0
							17.4	4.7	4.0
							12.5	4.7	4.0
							7.7	4.4	4.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	71.6	//////////	//////////
							100.0	5.7	4.0

[illegible] OBSERVATIONS 203

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.1	2.6	.7						
020-040	3.1	2.9	.4	.4					
050-070	2.4	3.3	.7						
(E) 080-100	2.1	2.2	.2						
110-130	1.3	1.4	.7	.2					
140-160	1.4	1.1	.4						
(S) 170-190	1.5	1.1	.2	.1					
200-220	3.2	3.1	.7						
230-250	2.3	3.7	1.2	.2					
(W) 260-280	3.5	2.2	3.4	.2					
290-310	3.1	3.2	4.7	.7	.1				
320-340	2.4	1.9	2.6	.2					
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	35.1	35.2	15.0	2.0	.1				

TOTAL NUMBER OF OBSERVATIONS 2[illegible]

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AFS [illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS

-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							5.3	5.6	5.0
							5.9	6.0	5.0
							5.4	5.7	5.0
							4.5	5.0	5.0
							4.1	5.3	5.0
							3.0	5.3	5.0
							3.1	5.2	4.5
							7.0	5.2	5.0
							13.4	5.3	5.0
							13.4	5.5	5.0
.1							12.3	5.3	5.0
							7.0	7.2	5.0
							5.3		
.1							100.0	5.7	5.0

NO. OBSERVATIONS 32

OPERATING LOCATION MAP PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 725056 STATION NAME: PEASE AFB NH PERI
LST TO UTC: + 5 MONTH

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	.4	1.3	.5						
020-040	.5	1.3	.7						
050-070	1.7	2.3	.9						
(E) 080-100	2.0	4.5	.2	.1					
110-130	4.1	6.5	.7		.2		.1		
140-160	2.3	4.0	1.3	.2	.1				
(S) 170-190	1.9	1.2	.3	.1					
200-220	3.1	3.5	2.0						
230-250	3.6	7.0	2.2	.3					
(W) 260-280	2.7	1.7	3.2	.2					
290-310	.4	5.1	5.3	.7	.1				
320-340	.2	2.2	2.5	.4	.1				
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	23.0	42.2	21.5	2.5	.5		.1		

TOTAL NUMBER OF OBSERVATIONS 400

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

ABS AH PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 12-14

D SPEED IN KNOTS									
-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							2.3	7.0	7.0
							2.6	7.7	7.0
							5.3	5.4	5.0
							5.0	5.7	5.0
.0		.1					11.7	5.0	5.0
.1							8.1	7.2	7.0
							3.6	5.2	4.0
							3.7	4.5	2.0
							13.5	5.0	5.0
							14.0	7.3	7.0
.1							13.1	9.3	10.0
.1							6.7	9.5	10.0
//////////							2.3	//////////	
.0		.1					100.0	7.0	7.0

OF OBSERVATIONS 700

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	.4	.5	.2						
020-040	.3	.8	.2	.1					
050-070	1.2	2.4	.3						
(E) 080-100	2.2	3.3	.3						
110-130	2.7	7.2				.1			
140-160	3.3	10.3	2.9	.1		.1			
(S) 170-190	2.5	2.2	.7	.3		.1			
200-220	2.1	5.0	.2	.1					
230-250	3.3	4.3	1.5						
(W) 260-280	2.7	5.7	2.2	.1	.1				
290-310	1.4	7.3	2.9	.3					
320-340	.5	1.9	2.2	1.3	.2				
VARIABLE									
CAL 1	//								
TOTALS	25.1	52.0	14.2	2.8	.3	.3			

TOTAL NUMBER OF OBSERVATIONS 999

A

```
UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
    FROM HOURLY OBSERVATIONS

 AFB NH                          PERIOD OF RECORD:  JUL 79 - JUN 89
                                 MONTH: SEP     HOURS: 15-17
...............................................................
ND SPEED IN KNOTS
-24  25-29  30-34  35-39  40-49  50-54  GE 55   TOTAL  MEAN  MEDIAN
                                                  %    WIND  WIND
...............................................................
                                                  1.2   5.6   5.0

                                                  1.9   5.5   5.0

                                                  4.4   6.3   6.0

                                                  5.3   5.5   5.0

      .1                                         10.0   5.2   5.0

      .1                                         13.3   6.5   6.0

      .1                                          5.9   6.4   5.0

                                                  7.4   5.7   5.0

                                                 10.2   5.8   5.0

 .1                                              10.8   6.2   5.0

                                                 12.4   8.1   8.0

 .2                                               6.6  10.7  10.0

...............................................................

/////////////////////////////////////////////////  4.1  /////////////

 .3     .3                                      100.0   5.9   5.0

 OF OBSERVATIONS   990
...............................................................
```

4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726066 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.3	.5	.2						
020-040	1.3	1.0							
050-070	1.3	1.7	.3						
(E) 080-100	2.0	1.2							
110-130	3.3	1.0	.1						
140-160	.4	4.0	.4						
(S) 170-190	3.0	3.2	.2						
200-220	3.5	2.4	.4	.1					
230-250	5.7	1.7	.1	.1					
(W) 260-280	4.0	1.9	.7	.3	.1				
290-310	4.1	3.1	.7						
320-340	2.7	2.1	1.1	.1					
VARIABLE									
CALM	////	////	////	////	////	////	////	////	////
TOTALS	43.3	25.9	4.3	.6	.1				

TOTAL NUMBER OF OBSERVATIONS 900

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 83
MONTH: SEP HOURS: 18-20

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
-24	25-29	30-34	35-39	40-49	50-64	GE 65			
							2.8	4.1	3.0
							2.8	3.9	4.0
							3.9	5.7	5.0
							3.2	4.0	4.0
							4.9	3.9	3.5
							13.7	4.2	4.0
							9.4	4.1	4.0
							9.0	4.2	4.0
							7.5	3.9	4.0
.1							7.1	5.4	4.0
							3.4	5.4	5.0
							5.0	5.1	5.0
							13.5		
.1							100.0	3.7	4.0

OF OBSERVATIONS 400

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.3	1.4	.2						
020-040	2.7	1.8							
050-070	1.2	1.1	.6						
(E) 080-100	1.1	.7							
110-130	1.0	.6	.1						
140-160	2.1	.9	.3						
(S) 170-190	3.5	1.2	.1						
200-220	5.3	3.2	.5	.1					
230-250	2.1	2.0	.5						
(W) 260-280	7.4	2.2	1.1	.2					
290-310	5.3	2.2	.7						
320-340	4.2	1.5							
VARIABLE									
CALM									
TOTALS	45.0	20.8	4.3	.3					

TOTAL NUMBER OF OBSERVATIONS [illegible]

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

A-5 NH PERIOD OF RECORD: JUL 77 - JUN 80
MONTH: SEP HOURS: 21-23

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-54	55-65	TOTAL %	MEAN WIND	MEDIAN WIND
							3.4	4.5	4.0
							4.4	3.2	4.0
							3.4	5.3	4.0
							1.8	3.0	3.5
							1.7	4.3	3.0
							3.3	4.0	4.0
							4.0	3.5	3.0
							3.0	4.5	4.0
							11.3	3.0	3.0
							11.5	4.2	4.0
							3.0	4.7	4.0
							3.0	3.4	3.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.0	//////////	//////////
							100.0	3.0	4.0

TOTAL OBSERVATIONS 400

OPERATING LOCATION: WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC [illegible] MONTHLY [illegible] VARIOUS

STATION NUMBER: 725365 STATION NAME: DEAR[illegible] AFB [illegible]
EST TO UTC: + [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	1.9	1.4	.4	.0					
020-040	2.4	2.0	.3	.1					
050-070	1.[illegible]	1.2	.3	.1					
(E) 080-100	1.4	1.[illegible]	.1	.0					
110-130	1.[illegible]	2.3	.2	.0	.0	.0	.0		
140-160	4.1	2.3	.[illegible]	.0	.0	.0			
(S) 170-190	2.0	1.4	.2	.1		.0			
200-220	1.[illegible]	3.2	.[illegible]	.0					
230-250	5.2	4.4	.[illegible]	.1					
(W) 260-280	[illegible].0	5.7	1.6	.1	.0				
290-310	[illegible].3	4.4	2.3	.3	.0				
320-340	2.1	1.[illegible]	1.2	.0	.0				
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTAL	[illegible]	33.4	[illegible]	3.1					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS							TOTAL	[illegible]	[illegible]
[illegible]	28-29	30-34	35-39	40-49	50-54	55 55	[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							3.7	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							3.[illegible]	[illegible].1	[illegible]
[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
	[illegible]						[illegible].2	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							11.[illegible]	[illegible]	[illegible]
[illegible]							13.[illegible]	[illegible]	[illegible]
[illegible]							11.[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							100.[illegible]	[illegible]	[illegible]

[illegible] VARIES [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OBSERVATIONS BY WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 725055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CATEGORY A: CEILING OF 200 FEET BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 5 MILES (8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(N) 350-010	3.3	3.2	1.3						
020-040	7.3	7.5	1.7	.5					
050-070	7.9	13.5	3.5	.6					
(E) 080-100	3.2	4.6	.1	.1					
110-130	2.5	1.4	.3	.3	.2	.1	.1		
140-160	3.1	3.1	1.1	.2	.2	.1			
(S) 170-190	2.1	1.0	.1			.1			
200-220	2.0	.2	.1	.1					
230-250	2.[illegible]	.7	.1						
(W) 260-280	1.3	.4							
290-310	1.4	.4							
320-340	2.[illegible]	1.7	1.1						
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	37.3	35.4	9.7	1.4	.4	.3	.1		

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 79
MONTH: SEP HOURS: ALL

FEET WITH VISIBILITY OF 1/2 MILE (0800 METERS).

MILES) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

WIND SPEED IN KNOTS

1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	65-99	TOTAL %	MEAN (KT)	STDEV (KT)
											5.9	2.0	2.0
											17.7	5.7	3.7
											20.0	5.7	3.0
											7.0	5.5	5.3
.1	.1	.1									5.6	7.5	4.5
.1	.1										2.5	5.7	3.5
	.1										3.5	4.3	3.0
											3.0	4.5	3.5
											3.5	3.7	2.7
											1.3	3.1	2.0
											1.3	3.1	3.3
											5.3	5.5	.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.5	//////////	//////////
.4	.3	.1									100.0	5.0	5.7

OBSERVATIONS 1068

D

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE W
USAFETAC, ASHEVILLE NC FROM HOURLY TOTAL OBSERVATIONS

STATION NUMBER: 726255 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(N) 350-010	4.3	3.2	.2	.1					
020-040	2.5	2.4	.4						
050-070	1.3	.4							
(E) 080-100	.2	.3	.2						
110-130	.2		.2						
140-160	1.4	1.7	.2	.3					
(S) 170-190	1.5	.3	.1	.1					
200-220	3.1	1.5	.1						
230-250	4.4	4.3	.8						
(W) 260-280	5.3	5.7	1.5						
290-310	7.2	5.3	.4	.1					
320-340	5.4	1.5	.5	.1					
VARIABLE									
CALM									
TOTALS	43.4	35.7	4.4	.7					

TOTAL NUMBER OF OBSERVATIONS 2[illegible]

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 70 - JUN 77
MONTH: OCT HOURS: 00-02

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
-24	25-29	30-34	35-39	40-49	50-54	GE 55			
							7.3	4.7	4.0
							5.6	5.3	5.0
							1.7	3.7	3.0
							.9	6.7	6.0
							.4	7.3	7.0
							3.7	5.0	5.0
							2.0	4.1	3.0
							4.7	4.2	4.0
							11.0	4.3	4.0
							17.0	5.0	4.0
							12.4	4.4	3.0
							7.7	4.2	3.0
							23.1		
							100.0	3.5	4.0

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC FROM HOURLY O.C. WATIONS

STATION NUMBER: 723055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(N) 350-010	3.4	3.8	1.0						
020-040	2.3	2.3	.5	.1	.1				
050-070	1.5	.4	.1						
(E) 080-100	.3	.2	.2	.2					
110-130	.2	.4	.1						
140-160	.3	1.1	.1						
(S) 170-190	1.2	1.7		.2					
200-220	4.1	2.3	.2	.1					
230-250	7.7	4.4	.2	.1					
(W) 260-280	3.2	5.2	.4						
290-310	6.1	3.2	1.1						
320-340	1.3	1.	.3						
VARIABLE									
CALM									
TOTALS	32.1	27.4	5.1	.7	.1				

TOTAL NUMBER OF OBS VATIONS 3[illegible]

```
UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
     FROM HOURLY OBSERVATIONS

 [illegible]                PERIOD OF RECORD:  JUL 7? - JUN [illegible]
                                 MONTH: OCT      HOURS: 03-05
.................................................................
    SPEED IN KNOTS
-24   25-29  30-34  35-39  40-49  50-64  GE 55  TOTAL  MEAN   MEDIAN
                                                  %    WIND   WIND
.................................................................
                                                 3.2    5.5    6.0

 .1                                              5.6    5.3    5.0

                                                 2.0    4.4    4.0

                                                 1.4    5.6    4.0

                                                 1.1    4.5    4.5

                                                 2.0    5.2    5.0

                                                 3.1    5.5    5.0

                                                 7.0    4.4    4.0

                                                11.[illegible]   4.5    4.0

                                                15.3    4.7    4.0

                                                13.0    4.5    4.1

                                                 7.7    3.9    3.0

.................................................................

//////////////////////////////////////////////// 23.3  ////////////

 .1                                            100.0    3.7    4.0
      [illegible] OBSERVATIONS   [illegible]
.................................................................
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3 - 4 - 55

b

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY METEOROLOGICAL OBSERVATIONS

STATION NUMBER: 725055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	3.2	4.0	1.0						
020-040	3.2	3.0	.5	.1					
050-070	1.1	.6	.3	.2	.1				
(E) 080-100	.4	.1			.1				
110-130	.2	.2							
140-160	.6	1.2	.2	.3					
(S) 170-190	1.1	1.1							
200-220	2.0	1.2	.2	.1	.2				
230-250	3.5	4.3	.4						
(W) 260-280	2.4	7.0	1.0	.1	.1				
290-310	5.7	3.9	2.4	.3	.1				
320-340	5.8	3.7	.1	.2					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	41.2	31.1	7.[illegible]	1.[illegible]	.[illegible]				

TOTAL NUMBER OF OBS VARIBLES [illegible]

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AFS NH

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: OCT HOURS: 0[illegible]-03

WIND SPEED IN KNOTS

-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							[illegible].2	5.[illegible]	[illegible]
							7.1	5.4	5.0
.1							[illegible]	7.5	5.0
.1							1.0	4.7	5.0
							1.4	4.[illegible]	5.0
							2.4	7.[illegible]	7.0
							2.2	4.[illegible]	4.[illegible]
.2							4.6	5.7	[illegible]
							12.[illegible]	4.[illegible]	4.0
.[illegible]							13.[illegible]	[illegible]	4.0
.1							12.4	5.1	5.0
							9.4	4.[illegible]	5.0
//////	//////	//////	//////	//////	//////	//////	15.7	//////	//////
.[illegible]							100.0	4.[illegible]	5.0

[illegible] OBSERVATIONS [illegible]30

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH YRS
LST IN UTC: + 5 MONTH

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.6	4.0	1.0	.1					
020-040	3.5	3.5	1.7						
050-070	1.7	2.0	.5	.1	.0				
(E) 080-100	1.2	.3	.1						
110-130	1.5	1.4	.3						
140-160	.6	1.5	1.1						
(S) 170-190	.4	1.1	.2						
200-220	1.9	2.4	.5	.2	.1				
230-250	2.2	5.8	1.2	.3					
(W) 260-280	4.2	5.3	4.2	.2					
290-310	3.1	3.9	5.2	1.0	.1				
320-340	3.7	3.8	3.2	.6	.1				
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	29.5	37.5	21.0	3.0	.3				

TOTAL NUMBER OF OBSERVATIONS 99

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN 84
MONTH: OCT HOURS: 07-11

WIND SPEED IN KNOTS [illegible]-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							7.6	5.1	5.0
							4.8	5.1	5.0
							5.3	7.0	6.0
							2.0	4.5	4.0
							3.3	5.4	5.0
							3.2	7.0	6.0
							2.5	5.0	7.0
.1							5.0	5.0	5.0
							1[illegible]	5.1	5.0
							13.3	7.2	5.0
.1							14.0	[illegible]	5.0
							10.3	7.7	7.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	//////////	//////////
							100.0	5.9	.0

[illegible] OF OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PHASE AFB NH PERI
LST TO UTC: + 5 YEARS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.4	2.4	.3	.1					
020-040	1.5	2.7	.2						
050-070	1.9	3.7	.4	.1	.1				
(E) 080-100	2.0	3.[illegible]	.3	.1					
110-130	3.7	3.4	.2						
140-160	1.1	4.2	1.5	.1					
(S) 170-190	.2	2.[illegible]	.[illegible]	.1					
200-220	2.0	2.5	1.[illegible]		.1				
230-250	2.1	4.7	2.[illegible]	.1	.2				
(W) 260-280	1.2	7.3	6.1	.2	.2				
290-310	1.[illegible]	3.4	5.3	2.[illegible]	.2				
320-340	1.1	2.7	3.[illegible]	1.1	.2				
VARIABLE									
CALM									
TOTALS	19.[illegible]	42.[illegible]	25.[illegible]	4.5	1.3				

TOTAL NUMBER OF OBS VARIABLE [illegible]

A

```
UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
     FROM HOURLY OBSERVATIONS

                              PERIOD OF RECORD:  JUL 73 - JUN 7
                              MONTH: OCT      HOURS: 12-14
..................................................................
 WIND SPEED IN KNOTS
 -24  25-29  30-34  35-39  40-49  50-54  55 65   TOTAL  MEAN  MEDIAN
                                                   %    WIND   WIND
..................................................................
                                                  4.7    5.2    5.5

                                                  [illegible].1    5.4    [illegible].0

  .1                                              6.2    5.4    [illegible].0

                                                  7.2    5.3    5.0

                                                  7.2    6.2    [illegible].0

                                                  [illegible]    7.1    7.0

                                                  3.7    7.1    7.0

  .1                                              [illegible]    7.2    [illegible].0

  .                                              10.5    7.[illegible]    7.0

  .2                                             1[illegible].2    8.[illegible]    [illegible].0

  .[illegible]                                             13.[illegible]   10.[illegible]   1[illegible].0

  .                                               [illegible].5    [illegible]    1[illegible].0
..................................................................

///////////////////////////////////////////////  [illegible].   /////////////

 .3                                             10[illegible].   7.[illegible]    7.[illegible]

      [illegible] OBSERVATIONS   [illegible]
..................................................................
```

OPERATING LOCATION: [illegible] PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE, NC [illegible] JULY [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
	MEAN SPEED IN KNOTS								
(N) 350-010	1.4	1.5	.2						
020-040	1.2	1.2	.6	.1					
050-070	2.2	1.[illegible]		.1	.3				
(E) 080-100	4.2	3.3	.7	.1					
110-130	4.7	5.2							
140-160	4.3	7.4	1.1						
(S) 170-190	3.3	3.[illegible]	.1						
200-220	2.7	3.[illegible]	.[illegible]						
230-250	3.5	5.3	1.1	.1					
(W) 260-280	3.[illegible]	[illegible]	3.3	.5					
290-310	3.3	5.5	4.[illegible]	.[illegible]	.3		.1		
320-340	1.5	3.4	2.[illegible]	.[illegible]	.4				
VARIABLE									
CALM									
TOTALS	39.[illegible]	45.7	14.5	2.1	1.0		.1		

TOTAL NUMBER OF OBSERVATIONS [illegible]

C - 4 - [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY [illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 72 - JUN [illegible]
MONTH: OCT HOURS: 15-17

SPEED IN KNOTS

[illegible]	30-34	35-39	40-49	50-54	55-65	TOTAL %	[illegible] WIND	[illegible] WIND
						3.1	0.1	0.0
						3.7	0.4	0.0
.3						4.4	0.3	0.0
						7.0	0.4	0.0
						9.0	0.5	0.0
						13.4	0.7	0.0
						4.4	0.3	0.0
						5.0	0.4	0.0
						7.0	0.6	0.0
						11.2	0.0	0.0
.3	.1					13.7	0.1	0.0
.4						13.0	0.0	0.0
//////////	//////////	//////////	//////////	//////////	//////////	5.4	//////////	//////////
1.0	.1					100.0	0.3	0.0

[illegible] OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND SPEED

STATION NUMBER: [illegible] STATION NAME: [illegible]
LAT IN DEG: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.3	1.7	.3						
020-040	2.5	1.3	.3						
050-070	1.1	.4	.1	.2		.1			
(E) 080-100	1.5	.4	.1			.2			
110-130	1.2	1.3	.3						
140-160	3.7	2.4	.3	.1					
(S) 170-190	3.1	1.2	.1						
200-220	3.2	2.5	.2						
230-250	4.	1.	.3	.1					
(W) 260-280	4.	3.5	.1	.1					
290-310	3.2	3.2	2.5	.5					
320-340	1.7	4.5	1.7	.3					
VARIABLE									
CALM									
TOTALS	42.3	25.7	7.3	1.3		.3			

TOTAL NUMBER OF OBSERVATIONS 230

3 - 4 - 37

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: OCT HOURS: 1[illegible]-20

[illegible] KNOTS [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL %	[illegible] (KTS)	[illegible] (KTS)
						4.2	4.7	4.0
						4.2	4.0	4.0
.1						2.4	3.5	3.0
.2						2.6	3.7	3.0
						3.5	4.0	4.0
						4.0	4.4	4.0
						3.1	3.6	3.0
						7.2	4.4	4.0
						7.1	4.0	4.0
						3.7	3.2	4.0
						13.2	3.9	3.0
						9.4	3.5	4.0
//////////	//////////	//////////	//////////	//////////	//////////	22.2	//////////	//////////
.3						100.0	4.0	4.0

[illegible] OBSERVATIONS 230

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 725305 STATION NAME: BLAS APT NC PERIOD
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.3	1.6	.5	.1					
020-040	1.7	2.4	.4						
050-070	1.5	.9	.3						
(E) 080-100	.5	.3	.1						
110-130	.4	.5	.4	.2					
140-160	2.0	1.2	.2	.1					
(S) 170-190	2.3	1.0							
200-220	4.3	3.0							
230-250	5.5	2.5	1.3	.1					
(W) 260-280	3.2	5.1	.6	.2					
290-310	5.4	4.3	1.5	.2					
320-340	4.7	2.3	.5	.2					
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	32.8	23.6	5.2	1.1					

TOTAL NUMBER OF OBSERVATIONS 230

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: OCT HOURS: 21-23

WIND SPEED IN KNOTS [illegible]	25-29	30-34	35-39	40-49	50-64	65	TOTAL	MEAN (KTS)	MEDIAN (KTS)
[illegible]							4.1	5.4	5.0
[illegible]							4.5	5.5	[illegible]
[illegible]							3.0	4.7	4.0
[illegible]							1.1	4.4	2.0
[illegible]							1.5	7.0	5.0
[illegible]							4.4	4.[illegible]	4.0
[illegible]							3.8	3.5	3.0
[illegible]							7.3	4.3	4.[illegible]
[illegible]							[illegible]	4.[illegible]	4.0
[illegible]							12.2	3.0	4.0
[illegible]							13.4	3.3	4.0
[illegible]							3.0	3.1	4.0
[illegible]							27.0		
[illegible]							100.0	3.0	4.0

TOTAL OBSERVATIONS 230

OPERATIONS [illegible]
USAFETAC, ASHEVILLE [illegible]

STATION [illegible] STATION [illegible]
[illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	[illegible]	[illegible]
(N) 350-010	2.3	2.3	.6	.1				
020-040	2.3	2.3	.7	.3	.1			
050-070	1.5	1.4	.3	.1	.1	.1		
(E) 080-100	1.4	1.2	.	.1	.3	.		
110-130	1.7	1.3	.2	.1				
140-160	2.3	2.5	.3	.1				
(S) 170-190	2.1	1.4	.2	.1				
200-220	3.1	2.4	.4	.1	.1			
230-250	5.1	3.3	1.3	.1	.3			
(W) 260-280	7.3	5.5	2.4	.3	.3			
290-310	4.1	4.2	3.2	.3	.1		.	
320-340	3.3	3.3	1.5	.4	.1			
VARIABLE								
CALM	//							
TOTALS	35.4	38.3	11.4	2.3	.4			

TOTAL NUMBER OF OBSERVATIONS 7[illegible]

A

[illegible] OF [illegible] SPEED [illegible] CRIM VERSUS [illegible]
[illegible] SUPPLY [illegible] VARIANCE

[illegible] PERIOD OF RECORD: JUL 79 - [illegible]
MONTH: OCT PAGE: ALL

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
							[illegible]	[illegible]
						[illegible].1	[illegible]	[illegible]
[illegible]						[illegible]	[illegible].2	[illegible]
[illegible]	[illegible]					[illegible]	[illegible].1	[illegible]
[illegible]	[illegible]					[illegible]	[illegible].3	[illegible]
						[illegible]	[illegible].1	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible].7	[illegible]
[illegible]						[illegible]	[illegible].1	[illegible]
[illegible]						1[illegible].1	[illegible].2	[illegible]
[illegible]						1[illegible]	[illegible].1	[illegible]
[illegible]	[illegible]					1[illegible]	7.1	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
//						1[illegible].2	//////////////	
[illegible]						100.0	[illegible].2	[illegible].2

[illegible] VARIANCE 7440

OPERATING LOCATION "A" [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 7?5?-5 STATION NAME: [illegible]
LST TO UTC: + 5

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET [illegible]
AND/OR
VISIBILITY GE 1/2 MILE (0800 MET RS) BUT LESS THAN [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-[illegible]	35-[illegible]	[illegible]	[illegible]
(N) 360-010	3.3	[illegible]	2.4	.2					
020-040	4.[illegible]	7.[illegible]	[illegible].7	.3	.1				
050-070	3.7	4.2	.3	.3	.	.1			
(E) 080-100	[illegible]	2.4	1.2	.2	.1	.2			
110-130	2.3	[illegible]	1.[illegible]	.1					
140-160	[illegible]	4.2	2.[illegible]	.[illegible]					
(S) 170-190	2.3	2.4	.[illegible]						
200-220	1.[illegible]	.[illegible]							
230-250	1.[illegible]	.[illegible]	.1						
(W) 260-280	3.2	1.4							
290-310	2.1	.5	.7	.1					
320-340	4.[illegible]	3.0	.[illegible]	.1					
VARIABLE									
CALM	//////////								
TOTALS	35.5	35.3	11.[illegible]	1.[illegible]	1.0	.3			

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

```
[illegible]
[illegible]

[illegible]                               [illegible]   JUL [illegible]
..............................................................
[illegible] VISIBILITY [illegible]  ([illegible]).

[illegible]  ([illegible])  [illegible]                    T.
..............................................................
[illegible]
[illegible]                                   TOTAL [illegible]
..............................................................

..............................................................
                                          [illegible] [illegible] [illegible]

 .[illegible]                              [illegible] [illegible] [illegible]

 .      .[illegible]                       [illegible] [illegible] [illegible]

 .[illegible]  .[illegible]                [illegible] [illegible] [illegible]

                                           .    [illegible] [illegible]

                                           [illegible] [illegible] [illegible]

                                           [illegible] [illegible]  .

                                           [illegible] [illegible]  .

                                           [illegible] [illegible] [illegible]

                                           [illegible] [illegible] [illegible]

                                           [illegible] [illegible] [illegible]

                                           [illegible]  .   [illegible]
..............................................................

/////////////////////////////////////// [illegible] /////////////

[illegible]    .3                         [illegible] [illegible] [illegible]

   [illegible]VATIONS   [illegible]3
..............................................................
```

6

OPERATING LOCATION [illegible]
[illegible]

STATION [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(N) [illegible]	2.2	2.7	.2	.2					
[illegible]	1.	3.1	1.						
[illegible]	.	.	.1	.					
(E) [illegible]	.	.2	.	.					
11 -1	.	.	.	.1					
[illegible]	1.	.							
(S) 170-190	2.	1.	.						
200-220	.	1.							
[illegible]	.	.	.						
(W) [illegible]	.	.	.	.					
[illegible]	.	.	.	.	.1				
[illegible]	.	1.	.	.1	.				
VARIABLE									
CALM									
TOTAL	.	.	11.	.	.				

A

[illegible]

[illegible]

```
.........................................................................
[illegible]
[illegible]                                      TOTAL   [illegible]  [illegible]
.........................................................................
[illegible]                                      [illegible]  [illegible]  [illegible]
                                                 [illegible]  7.[illegible]  [illegible]
                                                 1.[illegible]  [illegible]  [illegible]
[illegible]                                      1.7   7.[illegible]  [illegible]
                                                 [illegible]  [illegible]  [illegible]
                                                 [illegible]  [illegible]  [illegible]
                                                 [illegible]  [illegible]  [illegible]
                                                 [illegible]  [illegible]  [illegible]
                                                 [illegible]  [illegible]  [illegible]
[illegible]                                      1[illegible]  [illegible]  [illegible]
[illegible]                                      17.[illegible]  [illegible]  [illegible]
[illegible]                                      [illegible]  [illegible]  [illegible]
.........................................................................

//////////////////////////////////////////////   [illegible]   ////////////
[illegible]                                      1[illegible]  [illegible]  [illegible]
[illegible]
.........................................................................
```

[illegible]

0

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(N) [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]		
(E) [illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]		
(S) [illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
(W) [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
VARIABLE					
CALM	[illegible]				
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

A

```
[illegible] WIND DIRECTION VERSUS WIND SPEED
[illegible]

[illegible]                              JUL 7[illegible] - JU[illegible]
[illegible]
.............................................................
[illegible]
[illegible]                                          TOTAL  [illegible]
.............................................................
[illegible]                                           2.2    [illegible].1   [illegible]
                                                  [illegible]   7.[illegible]   7.[illegible]
                                                  [illegible]   [illegible]   7.[illegible]
                                                  [illegible]   [illegible]   [illegible]
                                                  1.[illegible]   [illegible]   [illegible]
                                                  [illegible]   [illegible]   [illegible]
                                                  [illegible]   [illegible]   [illegible]
                                                  7.[illegible]   [illegible]   [illegible]
                                                  1[illegible]   [illegible]   [illegible]
                                                  1[illegible].1   [illegible].7   [illegible]
[illegible]                                        17.1   [illegible]   [illegible]
[illegible]                                        [illegible]   [illegible].1   [illegible]
.............................................................

//////////////////////////////////////////////  1[illegible]   /////////////

[illegible]                                        1[illegible]   [illegible]   [illegible]
[illegible]
.............................................................
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[illegible]

D

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE, NC [illegible] VARIABLE

STATION NUMBER: 725055 STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	3.9	3.4	1.6	.1					
020-040	1.3	3.2	1.0	.4					
050-070	1.1	.7	.4	.2	.1				
(E) 080-100	.0	.1	.1						
110-130	.3	.2	.4						
140-160	1.4	.7	.4						
(S) 170-190	1.2	1.7	.6						
200-220	4.0	4.2	.5						
230-250	4.7	3.2	.4						
(W) 260-280	4.7	7.3	1.6	.2					
290-310	3.1	3.5	4.6	1.3	.2				
320-340	4.0	1.3	.4						
VARIABLE									
CALM									
TOTALS	33.1	35.4	17.3	2.3	.3				

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] WEEKLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: NOV HOURS: 06-09

WIND SPEED IN KNOTS [illegible]	21-27	28-34	35-40	41-48	49-54	55-63	TOTAL %	[illegible]	[illegible]
							2.4	5.4	5.2
							5.0	7.1	7.0
.1							5.7	7.[illegible]	[illegible]
							[illegible]	3.2	2.2
							1.2	7.4	[illegible]
							2.[illegible]	4.7	[illegible]
							4.2	3.4	3.2
							9.1	[illegible]	[illegible]
							1[illegible]	[illegible]	[illegible]
							14.3	5.1	5.2
.2							17.9	7.5	7.[illegible]
							[illegible]	4.[illegible]	[illegible]
//							1[illegible].2	//////////////	
.4							100.[illegible]	[illegible].1	[illegible]

[illegible] VALIDS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE BY [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.3	3.5	1.6						
020-040	2.9	4.0	1.[illegible]	.1					
050-070	.7	1.2	.2	.4					
(E) 080-100	.3	.2	.4						
110-130	.7	.9	.1	.1					
140-160	.5	1.9	.3						
(S) 170-190	.9	.6	.4						
200-220	2.0	3.1	1.1						
230-250	3.2	5.0	2.3						
(W) 260-280	3.1	[illegible]	4.[illegible]	.7	.2				
290-310	2.1	5.3	3.[illegible]	2.5	.9				
320-340	2.7	3.2	2.3	1.1	.1				
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	26.5	33.7	22.7	5.[illegible]	1.2				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE BY WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: JAN HOURS: 00-11

WIND SPEED IN KNOTS							TOTAL %	[illegible] MINS	[illegible] MINS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
							5.2	[illegible]	5.2
							3.[illegible]	[illegible]	3.[illegible]
							2.[illegible]	[illegible]	2.[illegible]
							1.2	[illegible]	[illegible]
							1.[illegible]	[illegible]	[illegible]
							2.1	[illegible]	[illegible]
							2.[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							12.[illegible]	[illegible]	[illegible]
.2							17.1	[illegible]	[illegible]
.[illegible]							14.[illegible]	1[illegible]	1[illegible]
.1							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							100.[illegible]	[illegible]	[illegible]

NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBS VALUES

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	1.[illegible]	2.0	1.3	.2					
020-040	1.[illegible]	3.2	.8	.1					
050-070	1.7	1.[illegible]	.7	.1					
(E) 080-100	1.[illegible]	.4	.3						
110-130	1.2	2.3	.2						
140-160	1.3	[illegible]	.2						
(S) 170-190	1.[illegible]	1.4	.7						
200-220	1.[illegible]	2.4	1.[illegible]						
230-250	[illegible]	[illegible]	3.[illegible]						
(W) 260-280	1.2	7.1	[illegible]	.7	.[illegible]				
290-310	1.4	5.3	9.[illegible]	4.9	.3				
320-340	1.2	4.[illegible]	3.4	1.0	.2				
VARIABLE									
CALM									
TOTALS	1[illegible].[illegible]	40.2	29.0	5.7	1.[illegible]				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM MONTHLY DATA VARIANCE

[illegible] PERIOD OF RECORD: JUL 74 - [illegible]
MONTHS: [illegible] HOURS: 12-14

WIND SPEED IN KNOTS [illegible]	20-24	25-29	30-34	35-39	40-44	45-54	55-64	65-66	TOTAL %	MEAN SPD	MEDIAN SPD
[illegible]									[illegible]	7.1	[illegible]
[illegible]									[illegible]	[illegible]	[illegible]
[illegible]									[illegible]	[illegible]	[illegible]
[illegible]									[illegible]	[illegible]	[illegible]
[illegible]									[illegible]	[illegible]	[illegible]
[illegible]									[illegible]	[illegible]	[illegible]
[illegible]									[illegible]	[illegible]	[illegible]
[illegible]									[illegible]	[illegible]	[illegible]
[illegible]									11.[illegible]	7.[illegible]	7.[illegible]
[illegible]									14.	[illegible]	[illegible]
[illegible]									22.	11.3	11.[illegible]
[illegible]									1[illegible].1	[illegible]	[illegible]
[illegible]									[illegible]	[illegible]	[illegible]
[illegible]									100.[illegible]	[illegible]	[illegible]

[illegible] VARIABLE [illegible]

OPERATING LOCATION MAW PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	[illegible]
(N) 350-010	1.0	2.2	.7	.1						
020-040	1.5	2.9	.	.2	.2					
050-070	2.7	3.3	.4	.2						
(E) 080-100	2.[illegible]	.7	.4							
110-130	1.9	1.[illegible]	.1							
140-160	3.[illegible]	3.2	1.1							
(S) 170-190	1.[illegible]	1.2	.2							
200-220	2.3	2.[illegible]	.[illegible]							
230-250	3.7	3.1	.4							
(W) 260-280	3.7	3.1	3.[illegible]	.4						
290-310	2.3	3.1	3.4	3.4	.[illegible]	.1				
320-340	1.3	3.3	2.7	.3	.2					
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	34.4	37.5	14.2	4.7	1.2	.1				

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - 4 - 1[illegible]

A

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[illegible]NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SP[illegible]
[illegible] HOURLY OBS [illegible]

[illegible]        PERIOD OF RECORD:  JUL 7[illegible] - JU[illegible]
                   MONTH: NOV      HOURS: 15-17
..............................................................
[illegible] IN KNOTS
[illegible]                                        TOTAL  [illegible]  [illegible]
                                                 %     [illegible]  [illegible]
..............................................................
                                                 4.0    5.2    7.0

.[illegible]                                     [illegible].7    7.[illegible]   [illegible]

                                                 [illegible].     [illegible]    [illegible]

                                                 [illegible].1    [illegible]    [illegible]

                                                 4.[illegible]    4.[illegible]    [illegible]

                                                 1[illegible].[illegible]    [illegible]    [illegible]

                                                 [illegible].7    4.7    [illegible]

                                                 [illegible].7    .[illegible]     [illegible].

                                                 7.[illegible]    [illegible]    .[illegible]

                                                 1[illegible].[illegible]    [illegible]    7.[illegible]

.        .1                                      2[illegible].[illegible]   1[illegible].3   1[illegible]

.[illegible]                                     7.[illegible]    .      [illegible]
..............................................................

////////////////////////////////////////////////   [illegible]   ////////////

[illegible]      .1                              1[illegible]    [illegible]    [illegible]
[illegible]
..............................................................

[illegible] - 4 - 1[illegible]
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0

OPERATING LOCATION MAP PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND SPEED
USAFETAC, ASHEVILLE, NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + [illegible] UNITS: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-[illegible]
(N) 350-[illegible]	1.[illegible]	1.7	.[illegible]						
020-[illegible]	1.[illegible]	2.[illegible]	1.[illegible]	.3					
[illegible]	1.[illegible]	1.[illegible]	.1	.[illegible]					
(E) 330-1[illegible]	.[illegible]	1.2	.7	.1					
110-1[illegible]	1.2	1.[illegible]	.4						
140-1[illegible]	.[illegible]	[illegible].1	.1	.[illegible]	.1				
(S) 170-1[illegible]	[illegible]	[illegible]	.[illegible]	.2					
200-2[illegible]	[illegible].1	2.[illegible]							
[illegible]	[illegible]	[illegible]	.4						
(W) 250-2[illegible]	.[illegible]	.[illegible]	1.2	.2					
290-3[illegible]	[illegible].7	[illegible].1	4.[illegible]	1.[illegible]	.2				
320-3[illegible]	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	.3	.[illegible]				
VARIABLE									
CALM	//////////								
TOTALS	[illegible]	[illegible]	1[illegible].3	[illegible].3	.[illegible]				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]

[illegible]

OPERATING LOCATION MAW PERCENTAGE FREQUENCY [illegible]
USAFETAC, ASHEVILLE NC

STATION [illegible] : [illegible] STATION [illegible] : [illegible]
[illegible] : + [illegible]

WIND DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-010	1.7	2.5	.4	.1					
020-040	1.4	2.1	.	.1					
050-070	1.1	.7	.	.2					
(E) 080-100	.2	1.2	.2						
110-130	.4	1.3	.2			.1			
140-160	.4	2.5	.1						
(S) 170-190	3.1	4.1	.4	.3	.1				
200-220	.1	3.2	.						
230-250	.7	3.4	.2	.1					
(W) 260-280	.2	5.5	3.2	.4					
290-310	4.5	.6	4.	1.2	.1	.1			
320-340	5.6	2.7	1.4	.3					
VARIABLE									
CALM	//////////								
TOTALS	15.1	33.2	12.4	3.2	.2	.			

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

```
[illegible]
                                   [illegible]  JUL 7[illegible] - JU[illegible]
                                   [illegible]  NOV  [illegible]S: 21-2[illegible]
................................................................................
[illegible]
[illegible]                                                  TOTAL  [illegible]
................................................................................
                                                              [illegible]
                                                              1.7
         .1                                                   [illegible]  7.1
                                                              [illegible]
.1                                                            7.1
                                                              [illegible]
                                                              [illegible]
                                                              [illegible]
         .1                                                   17.1
                                                              [illegible]
................................................................................

[illegible]
................................................................................
```

[illegible]

b

OPERATING LOCATION: [illegible]

STATION: [illegible] SERIAL NO: [illegible]

SIGNIFICANT WAVE HEIGHT (FEET)	1-3	4-6	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(A) 350-[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]				
[illegible]	1.	[illegible]	1.1	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
(B) [illegible]	[illegible]	[illegible]	[illegible]	.1					
110-1[illegible]	1.	1.1	[illegible]	[illegible]		[illegible]			
140-1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
(C) 170-1[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
(D) 200-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	1.	[illegible]	.1				
VARIABLE									
[illegible]									
TOTALS	[illegible]	[illegible]	1[illegible].7	[illegible].7	[illegible]				

TOTAL OBSERVATIONS: [illegible]

A

[illegible] OF PERCENT SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] NAVY [illegible] STATION

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
[illegible] STATE: NJV [illegible] HOURS: ALL

[illegible] DIRECTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
		[illegible]					[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]		[illegible]					[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASH VILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
SITE UTC: + 5

CATEGORY A: CEILING [illegible] OR LESS THAN [illegible] AND/OR VISIBILITY [illegible]
VISIBILITY OF 1/2 MILE (0.80 METERS) OR LESS THAN 3 MILES (4.80

DIRECTION (DEG. TRUE)	WIND SPEED IN KNOTS 1-4	5-7	10-16	17-19	20-24	25-27	28-34	35-39	40-47
(N) 355-015	4.3	[illegible]	3.6	.2	.1				
020-045	2.[illegible]	7.[illegible]	4.[illegible]	1.2	.2				
050-075	[illegible]	8.7	2.[illegible]	2.4	.1				
(E) 080-105	1.2	1.[illegible]	1.3	.3					
110-135	1.[illegible]	4.1	1.2	.2		.1			
140-165	1.[illegible]	4.1	1.[illegible]	.2	.1				
(S) 170-195	2.2	2.1	.[illegible]	.2	.1				
200-225	1.[illegible]	2.1	.[illegible]						
230-255	[illegible]	[illegible]	.[illegible]						
(W) 260-285	[illegible]	1.2	.3						
290-315	1.[illegible]	1.4	.1	.1	.[illegible]	.1			
320-345	[illegible]	[illegible]	1.1	.[illegible]	.1				
VARIABLE									
CALM									
TOTALS	25.[illegible]	42.1	15.[illegible]	5.7	.9	.2			

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

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UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 OM HOURLY OBSERVATIONS

                                  PERIOD OF RECORD:  JUL 7[illegible] - JUN [illegible]
                                  MONTH: NOV     HOURS: ALL
.............................................................................

 ON WITH VISIBILITY OF 1/2 MILE (0800 METERS).

 S)  OR LESS THAN 3 MILES (4800 METERS) WITH CEILING OF [illegible] FEET.
.............................................................................
  SPEED IN KNOTS
-24  25-29  30-34  35-39  40-49  50-54  GE 55   TOTAL   MEAN   MEDIAN
.............................................................................
                                                          WIND    ND
.............................................................................
 .1                                              15.[illegible]    7.[illegible]    [illegible].0

 .[illegible]                                              15.1    [illegible].4    [illegible].0

 .1                                              11.2    [illegible].2    [illegible].0

                                                  [illegible].2    7.9    7.2

         .1                                       7.1    7.3    7.0

 .[illegible]                                               7.[illegible]    7.[illegible]    7.0

 .1                                               [illegible].1    [illegible].1    [illegible].2

                                                  [illegible].[illegible]    [illegible].[illegible]    [illegible].0

                                                  3.[illegible]    4.[illegible]    4.0

                                                  4.1    4.[illegible]    4.0

 .[illegible]       .1                                       [illegible].[illegible]    [illegible].[illegible]    7.0

 .1                                               [illegible].[illegible]    [illegible].5    [illegible].[illegible]

.............................................................................

''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''   [illegible].0  ''''''''''''''

 .[illegible]       .1                                     100.0    [illegible].7    7.0
   TAL OBSERVATIONS  1[illegible]
.............................................................................
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OPERATING LOCATION "WAW" PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE, NC [illegible]

STATION NUMBER: 725065 STATION NAME: [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	3.2	2.3	.5	.3					
020-040	1.5	1.2	1.0	.1					
050-070	.1	.2	.3						
(E) 080-100	.2	.0	.2						
110-130	.3	.1	.2						
140-160	.0	.2	.4						
(S) 170-190	.2	.5	.2	.1					
200-220	2.9	2.7	.9						
230-250	4.1	3.4	1.2						
(W) 260-280	7.3	7.1	1.1	.5	.3				
290-310	4.7	7.0	3.4	2.2	.3				
320-340	3.7	3.3	1.9	.1					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	34.9	33.0	12.7	4.0	.6				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE, SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] MONTHLY [illegible] VARIANCE

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: DEC HOURS: 00-02

[illegible] KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].0	5.7	[illegible]
							[illegible].1	[illegible].2	[illegible]
							1.[illegible]	[illegible].1	[illegible]
							1.7	[illegible].3	[illegible]
							[illegible]	[illegible].2	[illegible]
							1.3	[illegible]	[illegible]
							2.[illegible]	[illegible]	[illegible]
							7.4	[illegible]	[illegible]
							14.4	[illegible]	[illegible]
[illegible]							15.[illegible]	[illegible]	[illegible]
[illegible]							17.[illegible]	7.[illegible]	7.[illegible]
							[illegible].7	7.1	[illegible]
//////////							14.[illegible]	//////////	
[illegible]							100.0	[illegible]	[illegible]
[illegible]									

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND WIND SPEED

STATION NUMBER: 723055 STATION NAME: [illegible] YEARS: [illegible]

LST TO UTC: + 5 MONTH: [illegible]

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50
(N) 350-010	1.7	4.3	1.4							
020-040	1.5	2.4	1.0							
050-070	.2	.3	.2	.1						
(E) 080-100	.2	.3	.2	.1						
110-130	.1	.2	.2	.1						
140-160	.1	.2	.2							
(S) 170-190	1.2	1.2	.2							
200-220	4.4	4.0	.9							
230-250	4.0	4.0	1.5	.1						
(W) 260-280	3.5	3.3	1.1	.5						
290-310	.7	3.9	4.5	1.9	1.0					
320-340	4.2	3.1	1.5	1.5	.2					
VARIABLE										
CALM										
TOTALS	31.5	31.4	14.7	3.9	1.2					

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] WATIONS

PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: DEC HOURS: 03-05

[illegible] KNOTS							TOTAL %	MEAN WIND	RESULTANT WIND
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.4	5.0	4.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.3	5.2	5.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	7.7	7.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.0	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.0	4.0	12.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.0	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.0	4.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	4.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.5	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.[illegible]	[illegible]	7.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.[illegible]	7.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A"　　PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC　　[illegible]

STATION NUMBER: 725[illegible]　　STATION NAME: [illegible]　　[illegible]
LST TO UTC: + 6　　[illegible]

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	[illegible]
(N) 350-010	2.0	[illegible]	1.2						
020-040	.5	3.0	1.6						
050-070	.2	.2	.2						
(E) 080-100		.5	.1						
110-130			.1						
140-160	.	.2		.2					
(S) 170-190	1.3	.1							
200-220	2.3	5.[illegible]	.5						
230-250	5.[illegible]	5.4	1.[illegible]	.1					
(W) 260-280	7.[illegible]	[illegible].1	1.7	.3	.2				
290-310	[illegible]	5.5	3.7	2.7	1.0				
320-340	[illegible]	2.5	1.7	.4					
VARIABLE									
CALM	//////////								
TOTALS	3[illegible]	3[illegible].4	11.[illegible]	3.[illegible]	1.[illegible]				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

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  ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
     HOURLY OBSERVATIONS

   N                               PERIOD OF RECORD:  JUL 7  -  JUN
                                   MONTH: [illegible]      HOURS: [illegible]-[illegible]
...............................................................
    SPEED IN KNOTS
 -24  25-29  30-34  35-39  40-49  50-54  55 65   TOTAL   MEAN    MEAN
                                                   %     WIND    WIND
...............................................................
                                                  5.6     5.4   [illegible]

                                                  [illegible]     7.2     7.0

                                                  1.0     7.1     7.0

                                                   .6     7.7     7.0

                                                   .1    12.0    12.3

                                                  1.3   [illegible]     4.0

                                                  2.2     3.9     4.2

                                                  7.5     5.2   [illegible]

                                                 13.3   [illegible]   [illegible]

  .2                                             15.2     6.7     6.2

  .                                              10.6     6.5   [illegible]

                                                   [illegible]   [illegible]   [illegible]

...............................................................

//////////////////////////////////////////////////////  1.  /////////////

 1.                                             100.0      .8     6.0

           OBSERVATIONS    387
...............................................................
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b

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OPERATING LOCATION A          PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE NC                        [illegible]

STATION NUMBER: 72[illegible]   STATION NAME: [illegible]                [illegible]
                                LST TO UTC: + 8                          [illegible]
....................................................................................
                                                   WIND SPEED IN KNOTS
     DIRECTION     1-4    5-9  10-14  15-19  20-24  25-29  30-34  [illegible]  [illegible]-4[illegible]
     (DEGREES)
....................................................................................
 (N) 350-010   [illegible]    4.1    1.1     .1

     020-040       1.1 [illegible]   1.1

     050-070  .[illegible]     .4     .3

 (E) 080-100        .2     .1

     110-130        .2     .1

     140-160        .2     .5     .1     .1

 (S) 170-190        .5     .3     .4

     200-220 1.[illegible]    2.2     .[illegible]

     230-250       4.7 [illegible]   2.7  .[illegible]

 (W) 260-280 [illegible] 9.[illegible] [illegible]  1.2    .2     .2

     290-310 [illegible].7 [illegible] 7.[illegible] 2.2 1.2   .4

     320-340       4.7 4.[illegible]  2.7    1.2     .3

....................................................................................
     VARIABLE

     CALM      ////////////////////////////////////////////////////////////////////

     TOTALS  [illegible]   35.7   29.2    4.9    1.6     .[illegible]

                               TOTAL NUMBER OF OBSERVATIONS [illegible]
....................................................................................
```

[illegible]

[illegible] PERIOD OF RECORD: JUL 79 - [illegible]
MONTH: DEC YEAR: 79-11

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]

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OPERATING LOCATION [illegible]          [illegible] PERCENTAGE FREQUENCY [illegible]
USAFETAC, [illegible]

STATION [illegible]: [illegible]        STATION NAME: [illegible]
                                        LST TO GMT: + [illegible]
.............................................................................
                                                 WIND SPEED IN KNOTS
  DIRECTION      1-4    5-9  10-14  15-19  20-24  25-29  [illegible]
  (DEGREES)
.............................................................................
(N) 350-010      1.2    3.2    1.2

    020-040      1.5    [illegible]     .2

    050-070       .     1.[illegible]     .1

(E) 080-100      1.3     .2

    110-130       .5     .      .

    140-160       .     1.4     .3

(S) 170-190       .2    1.1            .1

    200-220      1.4    1.[illegible]   1.[illegible]     .1

    230-250      [illegible].1   [illegible]   1.7     .1                  .

(W) 260-280      [illegible]   [illegible]    7.7    1.[illegible]     .2     .1

    290-310      1.9    [illegible]   [illegible]    4.[illegible]   [illegible].4     .2

    320-340      [illegible]   [illegible]   3.[illegible]     .      .5     .1

.............................................................................
  VARIABLE

  CALM    ///////////////////////////////////////////////////////////////////

  TOTALS        1[illegible].1   [illegible]4.1   [illegible]   7.1    1.5     .5
                                          TOTAL NUMBER OF OBSERVATIONS [illegible]
.............................................................................
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A

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[illegible]

..............................................................................
[illegible]
..............................................................................
                                                        [illegible]  7.1  [illegible]
[illegible]
..............................................................................

////////////////////////////////////////////////////  [illegible]  /////////////
[illegible]
[illegible]
..............................................................................
```

0

(4) 3[illegible]-[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]						
(5) [illegible]-[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]						
(6) [illegible]-[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]						
(7) [illegible]-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
VARIANCE									
SAL									
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

TOTAL [illegible] VARIANCE [illegible]

[illegible] OF [illegible] SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] DISPLAY [illegible] VARIANCE

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: DEC HOURS: 15-17

[illegible] INCREMENTS							TOTAL %	[illegible] %	[illegible] %
[illegible]	[illegible]	31-34	[illegible]	[illegible]	[illegible]	35-99	[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

```
OPERATING LOCATION "A"              PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
USAFETAC, ASHEVILLE NC                              FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible]       STATION NAME: [illegible]                       PERIOD
                                    LST TO UTC: + 5                                 MONTH:
.............................................................................................
                                                       WIND SPEED IN KNOTS
    DIRECTION       1-4    5-9  10-14  15-19  20-24  25-29  30-34  35-39  40-49
    (DEGREES)
.............................................................................................
(N) 350-010         2.2    5.0   1.0
    020-040         1.2    2.2    .7
    050-070          .4     .3
(E) 080-100          .5     .4     .2     .1
    110-130          .4     .5    1.[illegible]  .1
    140-160         1.[illegible]  .5  .2   .1     .1
(S) 170-190         4.4     .7     .1
    200-220         4.5    2.5     .[illegible]
    230-250         4.4    5.1    1.4     .2
(W) 260-280          .[illegible]  [illegible].4  .3  1.2  .1
    290-310         4.4    4.7    4.[illegible]  1.9  .5   .1
    320-340         2.[illegible]  2.[illegible]  1.7  .5  .[illegible]  .1
.............................................................................................
    VARIABLE

    CALM          //////////////////////////////////////////////////////////////////////

    TOTALS          3[illegible].[illegible]  30.[illegible]  13.[illegible]  4.1  1.[illegible]  .[illegible]

                                         TOTAL NUMBER OF OBSERVATIONS    [illegible]82
.............................................................................................
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A

[illegible] OF [illegible] WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 71 - JUL [illegible]
MONTHS: [illegible] HOURS: 17-20

SPEED IN KNOTS [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL %	[illegible] %	[illegible] %
[illegible]							6.1	5.4	[illegible]
							4.[illegible]	5.7	[illegible]
							[illegible]	5.7	[illegible]
							1.[illegible]	[illegible]	[illegible]
							3.[illegible]	[illegible]	[illegible]
[illegible]							2.[illegible]	[illegible]	[illegible]
							5.[illegible]	5.7	[illegible]
							7.[illegible]	[illegible]	[illegible]
							12.[illegible]	[illegible]	[illegible]
[illegible]							1[illegible].3	[illegible]	[illegible]
[illegible]	[illegible]						13.7	[illegible]	[illegible]
[illegible]	[illegible]						7.[illegible]	7.[illegible]	7.[illegible]
//////////							15.4	//////////	
[illegible]	[illegible]						1[illegible].0	[illegible]	[illegible]

[illegible] VARIANCE [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH:

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.5	2.2	.5	.2					
020-040	1.5	2.7	[illegible]						
050-070	.4	.2	.1						
(E) 080-100	.2	.3	.5						
110-130	.1	.5	.3		.1				
140-160	.7	.3	.4	.1	.1				
(S) 170-190	2.4	.2	.3		.1				
200-220	4.7	2.5	.7	.1					
230-250	[illegible]	5.3	2.0						
(W) 260-280	[illegible]	5.4	[illegible]	1.3					
290-310	4.4	7.2	4.2	1.1	1.1	.1			
320-340	[illegible]	2.5	1.6	.9	.1				
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	[illegible]	31.2	[illegible]	3.4	[illegible]	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN 80
MONTH: DEC HOURS: 21-23

DIRECTION	SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR MORE	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]												9.4	5.7	5.0
[illegible]												5.1	5.5	5.0
[illegible]												[illegible]	4.3	5.0
[illegible]												1.5	7.1	7.0
[illegible]												[illegible]	4.9	5.0
[illegible]												1.4	5.0	5.0
[illegible]												4.2	4.5	4.0
[illegible]												7.9	4.5	4.0
[illegible]												14.5	7.7	7.0
[illegible]												15.0	[illegible]	5.0
[illegible]	[illegible]											13.1	[illegible]	[illegible]
[illegible]												15.[illegible]	5.9	5.0
//////////												15.7	//////////	
[illegible]	[illegible]											100.0	5.[illegible]	5.0

[illegible] VARIOUS [illegible]

```
OPERATING LOCATION "A"            PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND D
USAFETAC, ASHEVILLE NC                          FROM HOURLY OBSERVATIONS

STATION NUMBER: 7260[illegible]   STATION NAME: PEASE AFB NH                   PERIOD
                                  LST TO UTC: + 5                              MONTH:
.........................................................................................
                                                  WIND SPEED IN KNOTS
    DIRECTION      1-4     5-9   10-14   15-19   20-24   25-29   30-34   35-39   40-44
.........................................................................................
    (DEGREES)
.........................................................................................
(N) 350-010        2.1     3.7     1.0      .1

    020-040        1.4     2.4      .3      .0

    050-070         .5      .6      .2      .0
-----------------------------------------------------------------------------------
(E) 080-100         .4      .5      .3      .0

    110-130         .4      .3      .4      .1      .0

    140-160         .9      .5      .2      .1      .0
-----------------------------------------------------------------------------------
(S) 170-190        1.9     1.5      .3      .0      .0

    200-220        3.3     2.5      .7      .0

    230-250        5.3     5.3     1.7      .1              .0
-----------------------------------------------------------------------------------
(W) 260-280        [illegible] [illegible] 3.[illegible]  .[illegible]  .5  .1

    290-310        4.[illegible] 5.[illegible] 4.6  2.0     .4      .1

    320-340        3.4     3.2     2.1      .4      .2      .0
-----------------------------------------------------------------------------------
.........................................................................................
    VARIABLE

    CALM      //////////////////////////////////////////////////////////////////////

    TOTALS         [illegible] 33.2  15.0     4.4     1.4      .2

                                 TOTAL NUMBER OF OBSERVATIONS  7[illegible]
.........................................................................................
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[illegible]QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUL [illegible]
MONTH: DEC HOURS: ALL

[illegible] SPEED IN KNOTS [illegible]-24	25-34	35-39	40-49	50-64	65-99	TOTAL %	MEAN WIND SPEED	MEDIAN WIND SPEED
						5.3	5.4	[illegible]
						4.5	5.3	7.0
						1.3	[illegible]	[illegible]
						1.7	[illegible]	6.0
[illegible]						1.2	7.7	[illegible]
[illegible]						1.7	5.9	[illegible]
[illegible]						3.1	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
[illegible]						13.4	[illegible]	[illegible]
[illegible]	[illegible]					17.1	[illegible]	[illegible]
[illegible]	[illegible]					13.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	7.7	[illegible]
[illegible]						14.[illegible]		
[illegible]	[illegible]					100.0	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION NAME: USAFFTAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF PRESENCE OF SURFACE WIND BY
BY MONTHLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PHASE [illegible]
LST TO UTC: + 5

CATEGORY 1: CEILING OF 200 FEET BUT LESS THAN 1000 FEET WITH VISIBILITY OF 1/2 MILE AND/OR
VISIBILITY OF 1/2 MILE (800 METERS) BUT LESS THAN 1 MILE (1600 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-6	7-9	10-14	15-19	20-24	25-27	28-34	35-39	40-43	[illegible]
(N) 350-012	4.2	11.3	3.2	.1						
013-049	2.4	5.5	3.2	.1						
050-079	1.3	1.5	1.7	.1						
(E) 080-109	.7	1.5	2.2	.2						
110-139	.7	1.0	2.3	.3	.1					
140-169	.4	1.3	1.1	.4	.2					
(S) 170-199	1.2	1.7	.2	.1	.1					
200-229	.1	1.7	.7							
230-259	.1	1.4								
(W) 260-289	1.0	1.1	.2							
290-319	1.7	1.3	.4	1.0	.1					
320-349	3.0	5.3	1.7	1.0	.1					
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	16.2	36.1	15.7	3.6	.6					

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - 4 - 1[illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: DEC HOURS: ALL

[illegible] IF VISIBILITY [illegible] 1/2 MILE (800 METERS).

[illegible] IF [illegible] THAN 3 MILES (4800 METERS) WITH CEILING [illegible] 200 FEET.

[illegible]	1-4 KNOTS							
[illegible]	[illegible]-17	18-34	35-[illegible]	40-47	48-54	55-[illegible]	TOTAL	MEAN SPD	MEDIAN SPD
							%	KNOTS	KNOTS
[illegible]							1[illegible].6	4.[illegible]	7.1
[illegible]							12.3	7.4	[illegible]
[illegible]							4.2	7.1	7.0
[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							4.1	1[illegible].1	1[illegible]
[illegible]							4.0	[illegible]	[illegible]
[illegible]							3.[illegible]	[illegible].7	[illegible]
[illegible]							4.[illegible]	[illegible]	[illegible]
[illegible]							3.0	4.[illegible]	3.0
[illegible]							4.0	[illegible]	[illegible]
[illegible]							[illegible]	7.[illegible]	[illegible]
[illegible]							12.4	[illegible].7	[illegible]
[illegible]							1[illegible].4	//////////	
[illegible]							100.0	[illegible].7	7.0

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OBSERVED WIND DIRECTION AND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723080 STATION NAME: [illegible] LST TIME: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	2.1	2.4	.7	.1	.0				
020-040	1.4	2.4	1.0	.1	.0				
050-070	1.4	1.5	.5	.2	.0	.0			
(E) 080-100	1.9	1.4	.4	.0	.0	.			
110-130	1.7	2.2	.4	.1	.0	.0	.		
140-160	2.1	3.0	.	.1	.0	.0			
(S) 170-190	2.3	1.[illegible]	.3	.0	.[illegible]	.[illegible]			
200-220	3.1	3.[illegible]	.[illegible]	.0	.[illegible]				
230-250	3.7	3.[illegible]	.[illegible]	.1	.1	.0			
(W) 260-280	3.[illegible]	3.[illegible]	2.4	.[illegible]	.1	.0			
290-310	3.[illegible]	4.[illegible]	4.[illegible]	1.3	.[illegible]	.[illegible]	.[illegible]		
320-340	3.[illegible]	2.[illegible]	1.7	.[illegible]	.1	.0			
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	33.4	34.0	12.0	3.2	.3				

TOTAL NUMBER OF OBS. WITH WIND: [illegible]

A

[illegible] SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] VERSUS [illegible]

[illegible] PERIOD OF OBSERVATION: JUL 77 - JUL [illegible]
MONTH: ALL HOURS: ALL

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS: [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LATITUDE: [illegible]

CATEGORY A: CEILING [illegible] LESS THAN [illegible] FEET [illegible] VISIBILITY [illegible] 1/2 MIL (800M)
VISIBILITY OF 1/2 MIL (800 METERS) [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	[illegible].2	[illegible].1	2.2	.2	.0				
020-040	[illegible]	7.7	4.1	.7	.1				
050-070	4.1	5.[illegible]	[illegible]	.7	.[illegible]	.			
(E) 080-100	[illegible]	2.[illegible]	1.[illegible]	.3	.0	.0			
110-130	[illegible]	2.3	1.1	.3	.1	.[illegible]	.		
140-160	[illegible].7	[illegible].7	1.[illegible]	.3	.	.[illegible]			
(S) 170-190	1.[illegible]	1.[illegible]	.4	.1	.2	.1			
200-220	1.7	1.[illegible]	.[illegible]	.[illegible]	.[illegible]				
230-250	1.	.[illegible]	.1						
(W) 260-280	1.[illegible]	.	.1	.[illegible]					
290-310	1.[illegible]	.[illegible]	.2	.[illegible]	.[illegible]	.[illegible]			
320-340	[illegible].1	[illegible].7	1.1	.[illegible]	.[illegible]				
VARIABLE									
CALM	//////////								
TOTALS	[illegible]	[illegible].1	15.[illegible]	[illegible].3	.[illegible]				

TOTAL NUMBER OF OBSERVATIONS: [illegible]

[illegible] OF MODERATE SPEED AND DIRECTION VERSUS WIND SPEED
[illegible] VALLEY

[illegible] JUL [illegible] - [illegible]
[illegible] ALL [illegible] ALL

[illegible] VISIBILITY [illegible] MILE ([illegible]).

[illegible] MILES (4[illegible]) WITH CEILING [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
[illegible]						13.3	[illegible].7	[illegible]
[illegible]						17.[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible]					1[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible]					7.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible].1	[illegible]
[illegible]	[illegible]					[illegible].7	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible].1	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]						7.[illegible]	[illegible].1	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]
[illegible]						1[illegible].[illegible]	[illegible]	[illegible]
[illegible]						1[illegible].[illegible]	[illegible].7	[illegible]

[illegible] VARIABLE [illegible]

A

PART I

CEILING VERSUS VISIBILITY AND SKY COVER SUM

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (PCF).
CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A MATRIX OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM 2 "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (METERS) TO GREATER THAN OR EQUAL TO 2 STATUTE MILES (1
TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

FOCUS OF THE CUMULATIVE RATIOS OF THESE SUMMARIES, IT IS TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (PCF) FOR VARIOUS VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY DATA GROUPINGS FROM LIMITED TO LARGE. THE INDEX IN THE CEILING ALONG, REFER TO THE PERTINENT VISIBILITY (S) TO DETERMINE VISIBILITY ALONG, REFER TO THE INDEX (S) TO DETERMINE THE PCF THAT APPLIES TO VARIOUS ANY GIVEN DATA THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING COLUMN.

NOTE 1: IN JANUARY 1974, METEOROLOGICAL [illegible] TO THE [illegible] MILES OR ABOVE METERS. VALUES RECORDED [illegible]

NOTE 2: FOR MILITARY CIVILIAN STATIONS [illegible] THE CODE [illegible] IN THE [illegible] CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = [illegible]
FOR CONVERSION, THE CONVERSION RATE, AS 1 TO 1 STATUTE

SKY COVER--PERCENT OCCURRENCE FREQUENCY.
MEST CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS OCCURRENCE FREQUENCY (PCF) OF SKY COVER IN TENTHS AS CLEAR, SCATTERED, BROKEN, OVERCAST, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, BOTH FOR SKY COVER CREATED FROM HALF (1. .. 4/10). SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE [illegible]

A

PART 2

US VISIBILITY AND SKY COVER SUMMARIES

[illegible] FREQUENCY (PDF).
[illegible] VARIABLE, THIS SUMMARY IS A BIVARIATE DISTRIBUTION
[illegible] CLASSES OF CEILINGS (FROM ZERO FEET TO 20,000 FEET--
[illegible] CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES
[illegible] EQUAL TO 7 STATUTE MILES (11,265 METERS)). IN
[illegible] FOLLOWS:

[illegible] TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

[illegible] ALL YEARS COMBINED).

[illegible] ALL YEARS FOR [illegible]).

[illegible] THESE SUMMARIES, IT IS POSSIBLE TO
[illegible] PROBABILITY (PDF) FOR ANY GIVEN CEILING
[illegible], EITHER SEPARATELY OR IN ANY COMBINATION.
[illegible] WHICH TO USE, TO DETERMINE
[illegible] VISIBILITY).
[illegible] TO THE [illegible] (ZERO CEILINGS).
[illegible] ANY GIVEN SET OF MAXIMA BY STATION
[illegible] APPROPRIATE CEILING AND VISIBILITY

[illegible] VISIBILITIES TO STATUTE
[illegible] AS "MISSING."

[illegible] MINIMUM, ALL CEILINGS STATED
[illegible] CLASS.

[illegible] = 1,[illegible] FEET = [illegible] NAUTICAL MILES.
[illegible] STATUTE MILE = 1,[illegible] METERS.

[illegible] SKY.
[illegible] AVAILABLE, THIS SUMMARY GIVES PERCENTAGE
[illegible] SKY COVER [illegible] SYNOPTIC STATIONS, BUT
[illegible], FORECAST, [illegible] TOTALLY
[illegible]. FOR MANY STATIONS, THIS SUMMARY ALSO GIVES
[illegible] HALF (I.E., 5/10). DATA IS SUMMARIZED BY
[illegible].

[illegible] AVAILABLE [illegible] REPORTING STATIONS.

NOTE 2. ALLOWS STATIONS THAT HAVE REPORTED IN SYNOPTIC [illegible]
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....[illegible]

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....[illegible]

8/8.....[illegible]

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY [illegible]
COMPUTATION OF "GREATER THAN 1/2" OBSCURATION. "TOTAL
OBSCURE", ARE INCLUDED.

[illegible] THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
[illegible]PORTS CONVERTED AS FOLLOWS:

.....CLEAR

[illegible]/[illegible].....SCATTERED

[illegible]/[illegible].....[illegible]

.....OVERCAST

[illegible] "TIDE" IS A SEPARATE CATEGORY NOT INCLUDED IN
[illegible] "MAN 1/2" DESCRIBERS. "TIDAL DISCORDATIONS,"
[illegible].

[illegible] - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES ≥7	≥5	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1
NO CEIL	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	54.3	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 15000	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	55.7	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	56.5	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000	58.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	59.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 7000	72.5	72.6	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6500	73.2	73.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	74.1	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	75.4	75.8	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	77.4	78.1	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	79.5	80.1	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	82.5	83.2	83.8	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	82.5	83.1	83.8	84.4	84.5	84.6	84.7	84.7	84.7	84.7
≥ 2500	83.1	83.8	84.8	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	83.9	84.7	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	84.3	85.1	86.1	86.5	86.7	86.7	86.7	87.1	87.1	87.1
≥ 1500	84.3	85.3	86.3	86.8	87.2	87.2	87.3	87.7	87.7	87.7
≥ 1200	84.7	85.8	87.1	87.7	88.3	88.3	88.3	88.2	88.2	88.2
≥ 1000	85.4	86.5	87.8	88.7	89.4	89.4	89.5	90.4	90.4	90.4
≥ 900	85.7	87.0	88.3	89.1	90.4	90.4	90.5	91.5	91.5	91.5
≥ 800	85.9	87.2	88.9	90.1	90.7	90.8	91.1	92.3	92.3	92.4
≥ 700	86.2	87.5	89.4	90.5	91.3	91.3	91.5	92.5	92.5	93.1
≥ 600	86.3	87.6	89.6	90.6	91.5	91.5	91.5	93.1	93.1	93.4
≥ 500	86.7	88.2	90.2	91.4	92.2	93.3	93.3	94.2	94.3	95.4
≥ 400	86.7	88.3	90.5	91.5	93.1	93.4	93.9	95.3	95.4	95.9
≥ 300	86.9	88.4	90.4	91.5	93.4	94.1	94.5	95.9	95.9	97.3
≥ 200	86.9	88.4	90.4	91.5	93.4	94.2	94.7	95.9	95.9	97.3
≥ 100	86.9	88.4	90.4	91.5	93.4	94.2	94.9	95.9	95.9	97.4
≥ 000	86.9	88.4	90.4	91.5	93.4	94.2	94.9	95.9	95.9	97.4

TOTAL NUMBER OF OBSERVATIONS 932

ENT FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]

PERIOD OF RECORD: JUL 73 - JUN 7[illegible]
MONTH: JAN HOURS: 00-02

ISIBILITY IN STATUTE MILES

GE [illegible]	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/	GE 1/4	GE 0
61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
[illegible]	[illegible]	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
[illegible]	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
65.7	[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
[illegible]	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
[illegible]	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
[illegible]	[illegible]	69.0	69.0	69.0	69.0	69.0	69.0	69.0	[illegible]	69.0
[illegible]	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
[illegible]	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible]	[illegible]	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
[illegible]	[illegible]	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
[illegible]	[illegible]	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.5
[illegible]	[illegible]	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
87.2	[illegible]	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
[illegible]	[illegible]	89.2	89.2	89.2	89.2	89.2	89.2	[illegible]	89.2	89.2
[illegible]	[illegible]	90.4	90.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
[illegible]	91.1	92.0	92.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7
91.3	91.3	[illegible]	92.4	93.1	93.5	93.7	93.7	93.7	93.7	93.7
[illegible]	[illegible]	93.2	93.1	93.4	93.7	94.0	94.0	94.0	94.0	94.0
[illegible]	[illegible]	[illegible]	[illegible]	95.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.0
[illegible]	[illegible]	95.3	95.4	[illegible]	96.7	[illegible]	97.0	97.1	97.1	97.1
[illegible]	[illegible]	[illegible]	[illegible]	97.0	98.0	98.1	[illegible]	[illegible]	[illegible]	98.4
94.2	94.7	96.3	[illegible]	97.3	98.3	98.4	98.6	98.7	[illegible]	98.9
[illegible]	[illegible]	[illegible]	[illegible]	97.4	98.6	98.7	99.1	99.4	100.0	100.0
[illegible]	[illegible]	95.5	96.0	97.4	98.6	98.7	99.1	99.4	100.0	100.0

0 - [illegible] - 1

6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC [illegible] HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible] PERIOD OF RECORD: [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	57.1	57.7	57.[illegible]	57.[illegible]	57.8	57.[illegible]	57.[illegible]	5[illegible].1	5[illegible].1	5[illegible].1
GE 20000	62.2	62.[illegible]	62.9	62.9	62.9	62.9	62.9	63.1	63.1	63.1
GE 18000	63.5	63.1	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4
GE 16000	63.5	63.2	63.3	63.3	63.3	63.3	63.3	63.5	63.5	63.5
GE 14000	63.3	64.3	64.1	64.1	64.1	64.1	64.1	64.3	64.2	64.2
GE 12000	64.1	64.7	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	65.1	65.1	65.1
GE 10000	[illegible]	66.[illegible]	67.3	67.3	67.3	67.3	67.3	67.5	67.5	7[illegible]
GE 9000	66.5	67.3	67.3	67.3	67.3	67.5	67.5	67.7	67.7	7.7
GE 8000	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.
GE 7000	71.1	72.2	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7
GE 6000	71.[illegible]	72.9	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4
GE 5000	72.6	73.7	74.3	74.3	74.2	74.[illegible]	74.[illegible]	74.4	74.4	74.4
GE 4500	74.[illegible]	75.7	75.1	75.1	75.3	75.5	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
GE 4000	77.8	78.1	77.7	77.9	80.1	80.1	[illegible].1	[illegible]	[illegible]	[illegible]
GE 3500	79.4	81.1	81.[illegible]	81.[illegible]	82.[illegible]	82.2	82.2	82.4	82.[illegible]	82.[illegible]
GE 3000	81.3	83.1	83.[illegible]	84.1	84.[illegible]	84.[illegible]	84.7	84.[illegible]	84.[illegible]	84.[illegible]
GE 2500	82.5	84.4	85.2	85.[illegible]	85.[illegible]	85.1	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]
GE 2000	83.[illegible]	[illegible]	85.9	86.2	86.[illegible]	87.[illegible]	87.1	87.4	87.4	87.[illegible]
GE 1800	83.9	85.4	86.1	86.5	87.0	87.3	87.[illegible]	87.7	87.7	87.7
GE 1500	83.[illegible]	85.5	86.3	86.[illegible]	87.3	87.6	87.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]
GE 1200	84.3	87.9	87.6	87.4	88.0	88.4	88.7	88.[illegible]	88.[illegible]	88.[illegible]
GE 1000	86.1	87.1	88.2	88.7	89.4	89.[illegible]	90.2	91.2	91.2	91.[illegible]
GE 900	86.7	87.7	88.9	89.5	90.3	90.[illegible]	91.1	92.3	92.3	92.4
GE 800	86.7	87.7	88.9	89.3	90.5	91.1	91.5	92.5	92.5	92.[illegible]
GE 700	88.7	[illegible]	89.4	90.4	91.3	92.0	92.5	93.4	93.7	94.3
GE 600	88.7	[illegible]	89.5	90.5	91.4	92.4	92.9	93.[illegible]	94.[illegible]	94.5
GE 500	[illegible]	[illegible].1	89.5	90.2	91.[illegible]	93.2	93.[illegible]	94.[illegible]	94.5	95.3
GE 400	86.9	87.3	89.9	91.3	92.7	93.7	94.5	95.5	95.9	95.[illegible]
GE 300	86.9	87.3	90.0	91.4	92.[illegible]	94.5	95.4	96.5	96.4	97.[illegible]
GE 200	86.9	87.3	90.0	91.4	92.8	94.5	95.5	96.7	97.1	97.2
GE 100	86.9	87.3	90.0	91.4	92.[illegible]	94.6	95.5	96.7	97.1	97.3
GE 000	86.9	87.3	90.0	91.4	92.[illegible]	94.5	95.[illegible]	96.7	97.1	97.3

TOTAL NUMBER OF OBSERVATIONS 932

[illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JAN HOURS: 03-05

VISIBILITY IN STATUTE MILES

GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	52.2	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2
[illegible]	52.8	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2
[illegible]	53.2	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
[illegible]	53.3	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7
54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
[illegible]	[illegible]	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
[illegible]	[illegible]	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
[illegible]	[illegible]	67.7	67.7	67.7	67.7	67.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.5	71.5	71.5	71.5	71.5	71.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	72.2	72.7	72.7	72.7	72.7	72.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.3	73.4	73.4	73.4	73.4	73.4	73.5	[illegible]	[illegible]	73.5
[illegible]	[illegible]	74.4	74.4	74.4	74.4	74.4	[illegible]	[illegible]	[illegible]	74.5
[illegible]	[illegible]	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
[illegible]	[illegible]	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
[illegible]	[illegible]	82.4	82.4	82.4	82.4	82.4	82.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.9	84.9	85.1	85.1	85.1	85.1
[illegible]	[illegible]	[illegible]	[illegible]	86.5	86.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	87.2	87.4	87.4	87.4	87.4	87.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	87.7	87.7	87.7	87.7	87.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	88.5	88.5	88.5	88.6	[illegible]	[illegible]	88.6
[illegible]	[illegible]	[illegible]	[illegible]	89.7	89.7	89.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.2	[illegible]	91.5	91.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.1	[illegible]	[illegible]	92.4	92.4	92.4	[illegible]	[illegible]	[illegible]	[illegible]
91.1	[illegible]	[illegible]	[illegible]	92.9	92.9	92.9	[illegible]	[illegible]	[illegible]	93.0
[illegible]	[illegible]	93.4	93.7	94.3	94.3	94.3	94.4	94.4	94.4	94.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.9	94.9	95.1	95.1	95.1	95.1
[illegible]	[illegible]	[illegible]	[illegible]	95.3	95.6	95.6	[illegible]	[illegible]	[illegible]	95.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.2	97.2	97.7	97.7	97.7	97.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.4	98.4	[illegible]	[illegible]	[illegible]	99.0
[illegible]	[illegible]	96.7	97.1	98.2	98.6	98.6	99.5	99.5	99.5	99.5
[illegible]	[illegible]	96.7	97.1	98.3	98.7	98.7	99.6	100.0	100.0	100.0
[illegible]	[illegible]	96.7	97.1	98.3	98.7	98.7	99.6	100.0	100.0	100.0

6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC AND VISIBILITY (OBSERVATIONS)

STATION NUMBER: 723065 STATION NAME: PEASE AFB NH PERIOD
LAT LONG: + - MONTH: 0

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	0
NO CEIL	51.4	52.2	52.[illegible]	53.0	53.4	53.6	53.[illegible]	53.7	53.7	53.7
GE 20000	57.6	[illegible]	59.1	59.[illegible]	59.[illegible]	59.1	59.1	59.2	59.2	59.[illegible]
GE 15000	60.0	[illegible]	59.7	60.1	60.4	60.5	60.[illegible]	60.[illegible]	60.[illegible]	60.[illegible]
GE 14000	61.3	61.2	60.[illegible]	60.4	61.[illegible]	61.[illegible]	61.[illegible]	61.1	61.1	61.1
GE 13000	61.[illegible]	62.6	61.3	60.[illegible]	61.1	61.3	61.3	61.[illegible]	61.[illegible]	61.[illegible]
GE 12000	60.1	61.1	61.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]
GE 10000	63.[illegible]	64.1	64.7	65.4	65.7	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]
GE 9000	63.2	64.5	65.[illegible]	65.[illegible]	66.2	66.2	66.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]
GE 8000	65.[illegible]	67.4	68.3	68.7	69.1	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]
GE 7000	66.2	[illegible]	69.[illegible]	70.[illegible]	70.4	70.6	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]
GE 6000	[illegible].1	[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]
GE [illegible]	[illegible]	71.4	72.[illegible]	73.1	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	74.[illegible]
GE 6[illegible]	72.[illegible]	74.[illegible]	75.[illegible]	75.[illegible]	75.2	75.[illegible]	77.[illegible]	77.1	77.1	77.1
GE 4[illegible]	72.[illegible]	75.1	77.[illegible]	75.3	77.7	75.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
GE 3[illegible]	75.7	75.[illegible]	77.[illegible]	80.[illegible]	81.1	81.3	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]
GE 3000	77.5	77.[illegible]	81.[illegible]	82.7	83.7	83.9	84.1	84.[illegible]	84.[illegible]	84.[illegible]
GE 2500	75.[illegible]	81.[illegible]	83.[illegible]	84.2	85.[illegible]	86.7	86.[illegible]	86.[illegible]	86.[illegible]	86.[illegible]
GE 2000	77.[illegible]	82.[illegible]	84.5	85.[illegible]	87.2	87.5	87.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]
GE 1500	81.[illegible]	85.[illegible]	86.2	88.3	87.7	88.2	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]
GE 1000	81.4	85.[illegible]	86.5	88.5	89.2	89.7	89.1	89.[illegible]	89.[illegible]	89.[illegible]
GE 1200	81.[illegible]	84.4	86.1	87.4	88.[illegible]	89.5	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]
GE 1100	81.4	84.5	86.2	87.5	88.5	89.[illegible]	89.1	89.[illegible]	89.[illegible]	89.[illegible]
GE [illegible]	[illegible]	85.1	86.7	88.2	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]
GE [illegible]	82.7	85.3	87.1	88.4	90.[illegible]	90.[illegible]	91.4	91.4	91.4	91.[illegible]
GE 700	82.[illegible]	85.5	87.3	88.5	90.2	91.0	91.7	92.[illegible]	93.[illegible]	93.[illegible]
GE 600	82.[illegible]	85.5	87.3	88.5	90.3	91.0	91.[illegible]	92.2	92.4	94.[illegible]
GE 500	82.[illegible]	85.5	87.5	89.0	90.4	92.0	93.1	94.5	94.[illegible]	95.[illegible]
GE 400	82.[illegible]	85.5	87.5	89.0	90.4	92.0	93.1	94.5	94.[illegible]	95.[illegible]
GE 300	82.[illegible]	85.5	87.5	89.1	91.0	92.2	93.3	94.[illegible]	95.[illegible]	95.[illegible]
GE 200	82.[illegible]	85.5	87.5	89.1	91.0	92.2	93.3	94.[illegible]	95.[illegible]	95.[illegible]
GE 100	82.0	85.5	87.5	89.1	91.0	92.2	93.3	94.[illegible]	95.[illegible]	95.[illegible]
GE 000	82.3	85.6	87.5	89.1	91.0	92.2	93.3	94.[illegible]	95.[illegible]	95.[illegible]

TOTAL NUMBER OF OBSERVATIONS 932

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: JAN HOURS: 06-0[illegible]

VISIBILITY IN STATUTE MILES

[illegible] 1/2		GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	[illegible]	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	52.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
1.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.7
[illegible]	72.2	[illegible]	72.2	72.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.2
[illegible]	[illegible]	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.1
[illegible]	[illegible]	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.0	[illegible]	[illegible]	[illegible]	[illegible]	93.5
[illegible]	91.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.1	94.2	94.2	94.3
[illegible]	[illegible]	93.2	93.4	[illegible]	[illegible]	[illegible]	95.1	[illegible]	[illegible]	95.3
[illegible]	[illegible]	[illegible]	[illegible]	95.1	95.7	95.7	[illegible]	96.3	96.3	96.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.1	96.3	97.1	97.2	97.3	97.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.2	97.4	[illegible]	[illegible]	[illegible]	98.6
[illegible]	[illegible]	94.9	[illegible]	95.3	97.7	[illegible]	99.2	[illegible]	[illegible]	100.0
[illegible]	[illegible]	94.9	[illegible]	[illegible]	97.7	[illegible]	99.2	[illegible]	[illegible]	100.0
[illegible]	[illegible]	94.8	[illegible]	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	100.0

b

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible]   STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	53.0	56.3	57.4	56.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	56.3	57.0	57.3	57.3	57.5	57.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	57.4	57.7	[illegible]	58.1	58.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	57.6	[illegible]	58.1	58.2	58.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	57.5	[illegible]	[illegible]	58.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	59.1	[illegible]	60.1	60.3	60.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	63.1	[illegible]	63.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	64.1	[illegible]	[illegible]	64.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	67.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	70.1	70.2	70.2	[illegible]	70.3	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	71.0	71.4	[illegible]	71.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	71.4	72.3	[illegible]	[illegible]	72.3	[illegible]	73.1	[illegible]	[illegible]
GE 4500	71.3	[illegible]	73.7	74.2	74.3	[illegible]	[illegible]	74.7	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	76.	77.3	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	77.1	[illegible]	79.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	77.	[illegible]	[illegible]	[illegible]	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	82.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.	[illegible]	92.7
GE 800	[illegible]	84.4	[illegible]	87.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	82.4	[illegible]	[illegible]	[illegible]	89.1	91.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	82.4	[illegible]	[illegible]	87.4	89.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	86.2	87.4	89.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	89.2	[illegible]	[illegible]	93.7	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	86.2	87.5	89.4	91.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	82.4	[illegible]	86.2	87.5	89.4	91.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	84.5	86.2	87.5	89.4	91.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	82.4	84.5	86.2	87.5	89.4	91.3	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: JAN HOURS: 09-11

VISIBILITY IN STATUTE MILES

1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
[illegible]	[illegible]	[illegible]	53.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.[illegible]
[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.1	[illegible]	[illegible]	55.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.2	[illegible]	[illegible]	[illegible]	[illegible]	55.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	56.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.3	63.3	63.3	[illegible]	[illegible]	63.3
[illegible]	[illegible]	[illegible]	64.7	64.7	64.7	64.7	64.7	[illegible]	64.7	64.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	70.3	[illegible]	70.3	70.3	70.3	70.3	[illegible]	[illegible]	70.3
[illegible]	71.[illegible]	71.[illegible]	[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	[illegible]	71.[illegible]
[illegible]	73.1	73.1	73.1	73.1	73.1	73.1	73.1	[illegible]	[illegible]	73.1
[illegible]	74.7	74.7	74.7	74.7	74.7	74.7	74.7	[illegible]	[illegible]	74.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.[illegible]	91.[illegible]	91.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.3
[illegible]	[illegible]	[illegible]	[illegible]	92.7	[illegible]	93.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7	93.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.2	94.2	94.4	94.4	94.4	94.4
[illegible]	[illegible]	95.1	[illegible]	[illegible]	95.1	95.1	[illegible]	[illegible]	[illegible]	95.7
[illegible]	[illegible]	[illegible]	[illegible]	94.7	[illegible]	[illegible]	96.1	[illegible]	96.3	96.3
[illegible]	[illegible]	93.7	[illegible]	[illegible]	[illegible]	[illegible]	97.[illegible]	97.[illegible]	97.2	97.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	97.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	94.[illegible]	[illegible]	97.5	97.5	98.3	[illegible]	[illegible]	99.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.5	97.5	[illegible]	[illegible]	99.5	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.5	97.5	98.3	[illegible]	99.5	100.0

OPERATING LOCATI[illegible] "A"
USAFETAC, AS[illegible]VILL[illegible]

STATI[illegible] : 72[illegible] STATION NA[illegible]
[illegible] TO UTC: + 5

[illegible]NTAGE FR[illegible]CY OF [illegible]

CEILING IN FEET	VISIBILITY I[illegible] STAT[illegible] MIL[illegible] GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	57.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUM[illegible] OBSERVATIONS [illegible]

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: JAN HOURS: 12-14

VISIBILITY IN STATUTE MILES

	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
[illegible]	54.	54.	54.	54.	54.	54.	54.	54.	54.	54.0
.1	55.1	57.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
.1	55.1	55.1	[illegible]	55.1	55.1	55.1	55.1	55.1	55.1	55.1
[illegible]	[illegible]	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
.1	[illegible]	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
[illegible]	62.3	62.3	[illegible]	62.3	62.3	62.3	62.3	62.3	62.3	62.3
[illegible]	67.5	67.5	67.5	67.5	67.5	67.5	67.	67.5	67.5	67.5
[illegible]	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
[illegible]	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
[illegible]	72.4	72.	72.	72.	72.9	72.9	72.9	72.	72.9	72.9
[illegible]	74.	74.7	74.7	74.	74.	74.	74.	74.	74.	74.
[illegible]	75.	75.1	75.1	75.	75.	75.	75.	75.	75.	75.
[illegible]	[illegible]	78.3	78.3	78.3	78.3	78.3	78.3	78.3	[illegible]	78.3
[illegible]	[illegible]	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
[illegible]	[illegible]	83.4	[illegible]	83.3	83.4	83.4	83.4	83.4	83.4	83.4
[illegible]	[illegible]	[illegible]	[illegible]	85.7	85.7	85.7	85.7	85.7	85.7	85.7
[illegible]	[illegible]	[illegible]	[illegible]	85.7	88.3	88.9	88.9	88.9	[illegible]	88.9
[illegible]	87.1	87.6	87.	[illegible]	90.2	90.2	90.	[illegible]	[illegible]	90.3
[illegible]	[illegible]	90.1	90.3	91.1	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	[illegible]	91.4	91.	92.5	92.9	92.9	92.9	92.9	92.9	92.9
[illegible]	91.	92.9	92.4	93.4	93.3	93.	93.	93.	93.	93.
[illegible]	91.3	92.7	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
[illegible]	91.3	93.1	93.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	92.3	93.7	93.9	95.1	95.6	95.6	95.7	95.7	95.7	95.7
[illegible]	93.	94.3	94.7	95.3	95.6	96.6	96.9	96.9	97.0	97.0
[illegible]	93.4	95.2	95.3	96.5	97.5	97.5	97.	97.	[illegible]	98.0
[illegible]	94.0	95.9	96.1	97.4	98.2	98.2	98.6	98.7	98.	98.9
[illegible]	94.3	95.9	96.2	97.5	98.3	98.3	98.9	98.9	99.4	99.5
[illegible]	94.5	95.9	96.2	97.5	98.3	98.3	98.9	98.9	99.4	100.0
[illegible]	[illegible]	95.9	96.2	97.5	98.3	98.3	98.	98.9	99.4	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
USAFETAC, ASHEVILLE NC [illegible] BY [illegible] ATIONS

STATION NUMBER: 723069 STATION NAME: PRAGUE AFB [illegible]
LST TO UTC: + [illegible] YEARS: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	55.7	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]
GE 15000	56.[illegible]	57.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	56.[illegible]	57.[illegible]	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	57.[illegible]	58.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.[illegible]
GE 9000	63.[illegible]	63.[illegible]	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	64.[illegible]	64.[illegible]	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]
GE 6000	70.[illegible]	70.1	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]
GE 5000	71.[illegible]	71.[illegible]	71.7	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]
GE 4500	72.[illegible]	72.[illegible]	73.1	73.[illegible]	73.4	73.[illegible]	73.[illegible]	73.[illegible]	74.[illegible]	73.7
GE 4000	73.[illegible]	74.4	74.5	74.5	75.1	75.1	75.2	75.[illegible]	75.[illegible]	75.[illegible]
GE 3500	74.[illegible]	75.[illegible]	75.[illegible]	75.2	75.3	75.3	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
GE 3000	75.[illegible]	77.[illegible]	77.7	77.[illegible]	77.[illegible]	77.[illegible]	77.4	77.[illegible]	77.[illegible]	77.[illegible]
GE 2500	77.5	78.1	78.[illegible]	81.4	81.7	81.9	81.[illegible]	82.7	82.7	82.7
GE 2000	81.[illegible]	81.6	82.2	82.[illegible]	83.1	83.[illegible]	83.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]
GE 1800	81.[illegible]	82.5	83.3	84.1	84.5	85.1	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]
GE 1500	82.[illegible]	83.7	85.5	86.3	86.[illegible]	86.8	86.[illegible]	86.7	86.[illegible]	86.[illegible]
GE 1200	84.1	84.3	85.4	86.7	87.4	87.5	87.[illegible]	88.[illegible]	88.[illegible]	88.1
GE 1000	84.4	85.2	86.2	87.[illegible]	88.2	88.7	88.[illegible]	91.[illegible]	91.[illegible]	92.[illegible]
GE 900	84.5	85.3	86.3	87.[illegible]	88.5	89.[illegible]	91.[illegible]	92.4	91.[illegible]	92.4
GE 800	84.[illegible]	85.3	86.[illegible]	87.5	88.[illegible]	89.[illegible]	91.4	92.[illegible]	91.1	93.[illegible]
GE 700	84.5	85.3	86.[illegible]	87.[illegible]	89.2	90.1	91.7	93.1	93.7	94.[illegible]
GE 600	84.5	85.3	86.4	87.[illegible]	89.2	90.1	91.7	93.2	93.7	94.[illegible]
GE 500	84.[illegible]	85.3	86.[illegible]	87.[illegible]	89.4	90.5	92.[illegible]	94.1	94.[illegible]	95.[illegible]
GE 400	84.5	85.3	86.5	87.[illegible]	89.4	91.3	92.7	94.5	95.4	95.[illegible]
GE 300	84.5	85.3	86.7	88.2	89.7	91.3	93.[illegible]	94.[illegible]	95.7	97.1
GE 200	84.[illegible]	85.3	86.7	88.2	89.7	91.3	93.2	94.3	95.[illegible]	97.2
GE 100	84.5	85.3	86.7	88.2	89.7	91.3	93.[illegible]	94.[illegible]	95.[illegible]	97.[illegible]
GE 0	84.5	85.2	86.7	88.2	89.7	91.3	93.[illegible]	94.[illegible]	95.[illegible]	97.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: JAN HOURS: 15-17

VISIBILITY IN STATUTE MILES

GE 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
[illegible]	[illegible]	[illegible]	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
[illegible]	63.2	63.4	[illegible]	63.9	63.9	63.9	63.9	[illegible]	[illegible]	63.9
64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
[illegible]	[illegible]	[illegible]	[illegible]	65.2	65.2	65.2	[illegible]	[illegible]	[illegible]	65.7
[illegible]	70.5	70.2	[illegible]	[illegible]	70.2	70.2	70.2	70.2	70.2	70.5
71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
[illegible]	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
[illegible]	75.5	75.5	75.5	75.6	75.6	75.6	75.6	[illegible]	[illegible]	76.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.3
[illegible]	[illegible]	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
[illegible]	[illegible]	[illegible]	84.5	[illegible]	84.5	84.5	84.5	[illegible]	[illegible]	84.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.3
[illegible]	[illegible]	90.0	[illegible]	91.1	91.2	91.2	91.2	91.2	91.2	91.2
[illegible]	[illegible]	91.5	[illegible]	92.2	92.3	92.3	92.3	92.3	[illegible]	92.3
[illegible]	91.0	92.4	[illegible]	92.4	93.0	93.0	93.0	93.0	93.0	93.0
[illegible]	91.4	93.0	93.1	93.0	93.9	93.9	93.9	93.9	[illegible]	93.9
91.1	91.7	93.1	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.4
[illegible]	91.7	93.2	93.7	94.4	94.5	94.6	94.6	94.7	94.7	94.7
[illegible]	92.3	94.1	94.9	95.9	96.2	96.3	96.5	96.5	96.5	96.5
91.0	92.7	94.5	95.4	96.5	96.9	97.0	97.2	97.3	97.3	97.3
91.0	93.0	94.5	95.7	97.1	97.5	97.9	98.1	98.2	98.2	98.2
91.2	93.0	94.2	95.0	97.2	97.7	98.1	98.4	98.6	98.7	98.7
91.3	93.0	94.4	95.0	97.2	97.8	98.2	98.6	98.9	99.0	99.4
91.3	93.0	94.4	95.0	97.2	97.8	98.2	98.6	98.9	99.0	100.0

D-2-[illegible]

6

OPERATING LOCATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
USAFETAC, ASHEVILLE NC [illegible] OBSERVATIONS

STATION NUMBER: 726255 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	56.[illegible]	56.[illegible]	57.[illegible]	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	61.[illegible]	61.5	61.[illegible]	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 15000	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	62.[illegible]	62.4	62.6	62.8	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	65.5	65.5	65.[illegible]	65.9	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	65.[illegible]	65.[illegible]	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	69.[illegible]	69.5	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	70.[illegible]	70.[illegible]	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	72.4	72.4	72.[illegible]	73.0	73.2	73.3	73.3	73.3	73.3	73.3
GE 5000	73.5	73.[illegible]	74.0	74.2	74.5	74.[illegible]	74.5	74.5	74.5	74.5
GE 4500	75.[illegible]	75.6	75.9	75.2	75.[illegible]	75.7	75.7	75.7	75.7	75.7
GE 4000	76.[illegible]	77.[illegible]	77.4	77.5	78.[illegible]	78.1	78.1	78.1	78.1	78.1
GE 3500	77.[illegible]	77.4	78.[illegible]	79.2	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
GE 3000	1.	82.[illegible]	83.1	83.4	83.[illegible]	84.0	84.0	84.1	84.1	84.1
GE 2500	2.7	83.[illegible]	84.2	84.5	84.[illegible]	85.1	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]
GE 2000	83.7	84.4	85.5	85.[illegible]	85.1	85.3	85.5	85.[illegible]	87.[illegible]	87.[illegible]
GE 1500	83.7	84.4	85.5	85.[illegible]	85.1	85.3	85.5	85.[illegible]	87.[illegible]	87.[illegible]
GE 1300	83.[illegible]	84.7	85.[illegible]	86.1	86.5	87.1	87.[illegible]	87.5	87.7	87.7
GE 1200	86.1	86.9	87.3	87.[illegible]	88.[illegible]	88.5	88.7	89.[illegible]	89.4	89.[illegible]
GE 1000	85.[illegible]	86.5	88.[illegible]	88.7	89.[illegible]	89.5	90.[illegible]	91.4	91.[illegible]	91.7
GE 900	87.[illegible]	88.3	88.3	89.0	90.1	91.0	91.[illegible]	91.[illegible]	92.[illegible]	92.[illegible]
GE 800	88.0	87.[illegible]	88.6	89.4	90.4	91.3	91.[illegible]	92.[illegible]	93.[illegible]	93.[illegible]
GE 700	88.1	87.1	88.7	89.3	90.3	91.7	92.4	93.[illegible]	93.6	93.[illegible]
GE 600	86.2	87.2	88.[illegible]	90.2	91.4	92.3	93.1	94.2	94.[illegible]	94.7
GE 500	86.2	87.2	88.[illegible]	90.2	91.6	92.7	93.5	94.5	95.1	95.[illegible]
GE 400	86.2	87.2	88.3	90.2	91.6	92.9	93.[illegible]	95.1	95.7	96.3
GE 300	86.2	87.2	88.3	90.2	91.9	93.2	94.2	95.5	96.2	97.2
GE 200	86.2	87.2	88.3	90.2	91.9	93.2	94.2	95.5	96.5	97.[illegible]
GE 100	86.2	87.2	88.3	90.2	91.9	93.2	94.2	95.[illegible]	96.5	97.[illegible]
GE 000	86.2	87.2	88.3	90.2	91.9	93.2	94.2	95.5	96.5	97.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

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A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: JAN HOURS: 12-20

VISIBILITY IN STATUTE MILES										
[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/[illegible]	1/4	0
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3
85.1	85.2	85.3	85.3	85.5	85.3	85.3	85.4	85.3	85.5	85.5
85.3	85.3	85.3	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2
85.3	85.3	85.3	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2
87.1	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	88.1	88.1
89.7	89.7	89.2	89.3	89.3	89.4	89.5	89.5	89.5	89.[illegible]	90.3
89.5	89.[illegible]	91.4	91.5	91.7	91.9	92.0	92.2	92.2	92.4	92.4
91.2	91.[illegible]	91.9	92.1	92.2	92.5	92.6	92.7	92.7	92.9	92.9
91.5	91.9	91.[illegible]	93.0	93.2	93.4	93.5	93.7	93.7	93.9	93.9
91.7	92.4	93.6	93.5	93.[illegible]	94.0	94.1	94.2	94.2	94.4	94.4
93.3	93.1	94.2	94.5	94.7	95.2	95.3	95.4	95.4	95.5	95.5
93.7	93.5	94.5	95.1	95.5	96.1	96.2	96.5	96.7	96.9	96.9
[illegible]	93.[illegible]	95.1	95.7	95.3	96.9	97.5	97.5	97.4	97.5	97.5
93.2	94.2	95.5	96.2	97.2	97.7	97.[illegible]	98.2	98.4	98.7	98.7
93.2	94.2	95.5	95.5	97.5	98.2	98.3	98.7	98.9	99.4	99.4
93.2	94.2	95.5	95.5	97.[illegible]	98.5	98.5	99.1	99.4	99.9	100.0
93.2	94.2	95.5	95.5	97.5	98.5	98.5	99.1	99.4	99.9	100.0

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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 725065 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CEILING FT	VISIBILITY IN STATUTE MILES 7	5	3	2	1	3/4	1/2	1 1/2	1 1/4	1	3/4
NO CEIL	51.4	51.5	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	
GE 20000	57.5	58.7	65.0	65.9	66.2	66.2	66.2	66.2	66.2	66.2	
GE 15000	55.0	56.1	59.3	59.3	56.7	56.7	56.7	56.7	56.7	56.7	
GE 14000	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
GE 13000	66.5	67.0	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	
GE 12000	66.7	67.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	
GE 10000	69.5	70.7	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	
GE 9000	69.9	70.9	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	
GE 8000	71.7	71.7	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	
GE 7000	72.5	72.6	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	
GE 6000	73.1	73.2	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	
GE 5000	74.4	74.7	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	
GE 4500	75.7	76.2	76.5	76.5	77.2	77.2	77.2	77.2	77.2	77.2	
GE 4000	76.5	77.5	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	
GE 3500	78.6	79.1	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	
GE 3000	83.2	83.7	83.7	83.9	84.4	84.4	84.4	84.4	84.4	84.4	
GE 2500	83.5	84.2	85.3	85.3	85.1	86.1	86.1	86.1	86.1	86.1	
GE 2000	84.3	85.2	86.3	86.5	87.2	87.5	87.5	87.4	87.4	87.4	
GE 1500	84.4	85.3	86.5	86.7	87.5	87.6	87.5	87.7	87.7	87.7	
GE 1000	84.5	85.7	86.9	87.1	88.2	88.3	88.4	88.6	88.6	88.6	
GE 1200	85.5	86.3	87.5	88.5	89.1	89.2	89.4	89.7	89.7	89.7	
GE 1000	86.7	87.6	87.7	88.3	89.9	90.5	90.7	90.6	90.8	90.1	
GE 900	86.7	87.9	89.1	89.7	90.7	90.4	90.5	91.0	91.0	91.1	
GE 800	86.1	87.1	88.5	89.5	91.1	91.2	91.3	91.5	91.6	92.3	
GE 700	86.1	87.1	88.5	89.5	91.2	91.3	91.4	91.9	91.9	92.3	
GE 600	86.7	87.7	89.1	90.2	91.9	91.9	92.0	92.7	92.7	93.3	
GE 500	86.7	87.7	89.1	90.2	92.3	92.4	92.7	93.5	93.7	94.5	
GE 400	86.7	87.7	89.2	90.3	92.6	92.6	93.0	94.0	94.1	95.1	
GE 300	86.7	87.7	89.2	90.5	92.9	93.0	93.9	94.9	95.2	96.3	
GE 200	86.7	87.7	89.2	90.5	93.2	93.3	94.4	95.5	95.9	97.1	
GE 100	86.7	87.7	89.2	90.5	93.2	93.3	94.4	95.6	95.9	97.4	
GE 000	86.7	87.7	89.2	90.5	93.2	93.3	94.4	95.6	95.9	97.4	

TOTAL NUMBER OF OBSERVATIONS 936

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JAN HOURS: 21-23

VISIBILITY IN STATUTE MILES										
[illegible] 1/2	[illegible] 2	[illegible] 1 1/2	[illegible] 1 1/4	[illegible] 1	[illegible] 3/4	[illegible] 5/8	[illegible] 1/2	[illegible] 3/8	[illegible] 1/4	[illegible] 0
[illegible]	[illegible]	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
[illegible]	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
[illegible]	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
[illegible]	[illegible]	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
[illegible]	[illegible]	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
[illegible]	[illegible]	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
[illegible]	[illegible]	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	[illegible]	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
[illegible]	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
91.3	91.3	91.3	91.3	92.0	92.2	92.2	92.2	92.2	92.2	92.2
91.3	91.4	91.3	91.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
91.3	92.3	92.7	92.7	93.3	93.9	93.9	93.9	93.9	93.9	93.9
[illegible]	93.7	93.5	93.7	94.5	95.2	95.3	95.5	95.5	95.5	95.5
[illegible]	93.5	94.0	94.1	95.1	95.7	95.8	95.1	95.5	95.5	96.5
93.3	93.3	94.3	95.2	95.3	97.2	97.3	97.6	98.3	98.3	98.1
93.3	94.4	95.5	95.5	97.1	98.3	98.1	98.5	98.3	99.0	99.1
93.3	94.4	95.5	95.9	97.4	98.4	98.5	98.9	99.5	99.7	100.0
93.3	94.4	95.5	95.9	97.4	98.4	98.5	98.9	99.5	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY OBSERVATIONS

STATION NUMBER: 72306 STATION NAME: PLEASE ATTACH LST ID WTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 3	GE 2	GE 1	GE 3/4	GE 1/2	GE 1/4	GE 0	GE 1	GE 2
NO CEIL	34.3	35.1	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	52.2	53.2	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	52.2	52.4	53.5	53.4	51.2	51.3	51.3	51.1	51.1	51.1	51.1
GE 15000	53.5	53.7	53.9	51.5	51.1	51.1	51.1	51.1	51.2	51.2	51.2
GE 14000	53.3	51.3	51.5	51.5	51.7	51.2	51.2	51.[illegible]	51.2	51.2	51.2
GE 12000	52.1	52.5	52.[illegible]	52.2	53.2	53.3	53.3	53.1	53.1	53.1	53.1
GE 10000	54.[illegible]	55.3	55.[illegible]	55.7	55.7	55.8	55.8	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]
GE 9000	55.4	55.3	55.3	65.3	55.5	55.5	55.5	55.5	55.[illegible]	55.5	55.5
GE 8000	64.7	64.4	69.2	70.1	70.2	70.3	70.3	70.3	70.[illegible]	70.[illegible]	70.[illegible]
GE 7000	69.3	70.5	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.[illegible]
GE 6000	71.3	71.5	72.1	72.5	72.7	72.8	72.[illegible]	72.[illegible]	72.3	72.3	72.3
GE 5000	72.[illegible]	73.0	73.5	73.[illegible]	74.1	74.1	74.[illegible]	74.2	74.3	74.3	74.[illegible]
GE 4500	74.1	74.9	75.5	75.9	75.1	75.2	75.3	75.4	75.4	75.4	75.4
GE 4000	75.3	77.1	77.7	77.1	75.4	75.5	75.[illegible]	75.7	75.7	75.7	75.7
GE 3500	77.7	79.4	79.5	80.1	80.4	80.5	80.7	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
GE 3000	79.3	81.0	82.1	82.4	84.1	83.3	83.8	83.7	83.7	83.7	83.7
GE 2500	81.3	82.2	83.4	83.9	84.5	84.5	85.3	85.5	85.5	85.5	85.5
GE 2000	82.1	83.4	84.5	85.1	85.7	86.1	86.4	86.5	86.[illegible]	86.5	86.5
GE 1800	82.3	83.4	84.8	85.3	86.1	86.4	86.7	87.1	87.2	87.[illegible]	87.[illegible]
GE 1500	82.[illegible]	84.3	85.3	86.1	87.1	87.4	87.[illegible]	88.2	88.4	88.[illegible]	88.[illegible]
GE 1200	83.[illegible]	85.2	86.3	87.2	88.4	89.3	89.3	90.2	90.1	90.1	90.1
GE 1000	84.3	86.7	87.1	87.9	89.1	89.5	90.1	91.0	91.1	91.4	91.4
GE 900	84.5	86.9	87.5	88.4	89.5	90.3	90.9	91.[illegible]	91.9	92.3	92.3
GE 800	84.7	86.1	87.7	88.7	90.0	90.7	91.4	92.4	92.[illegible]	93.[illegible]	93.[illegible]
GE 700	84.7	86.3	87.[illegible]	89.3	90.4	91.1	91.3	92.3	93.2	93.3	93.3
GE 600	84.9	86.4	88.0	89.2	90.5	91.4	92.2	93.4	93.5	94.2	94.2
GE 500	84.9	86.5	88.2	89.4	91.0	91.9	92.4	94.2	94.5	95.3	95.3
GE 400	84.9	86.5	88.2	89.5	91.2	92.3	93.4	94.7	95.1	95.3	95.3
GE 300	84.9	86.5	88.3	89.5	91.5	92.7	93.[illegible]	95.4	96.[illegible]	96.[illegible]	96.[illegible]
GE 200	84.9	86.5	88.3	89.7	91.5	92.3	94.3	95.3	96.1	97.2	97.2
GE 100	84.9	86.5	88.3	89.7	91.5	92.3	94.3	95.5	96.1	97.3	97.3
GE 000	84.9	86.5	88.3	89.7	91.5	92.3	94.3	95.5	96.1	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 7446

A

E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JAN HOURS: ALL

ILITY IN STATUTE MILES										
1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.7	5.7	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
.7	[illegible].7	59.7	59.7	59.7	59.7	59.7	60.7	59.7	59.7	59.7
1.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
1.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
1.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
2.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
[illegible]	[illegible]	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
[illegible]	[illegible]	66.5	[illegible]	66.5	66.6	66.6	66.6	66.6	66.6	66.6
.5	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
1.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
[illegible]	72.[illegible]	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
4.1	74.[illegible]	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
5.2	75.[illegible]	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	76.4
[illegible]	7[illegible]	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	[illegible].7	[illegible]	[illegible]	80.3	80.3	80.3	80.3	80.3	80.3	80.3
[illegible]	[illegible]	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.[illegible]
4.[illegible]	[illegible]	85.3	85.5	86.3	86.4	86.4	86.4	86.4	86.4	86.4
5.1	[illegible]	86.[illegible]	86.[illegible]	86.9	87.0	87.0	87.0	87.0	87.0	87.0
[illegible].4	86.7	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4
7.6	87.[illegible]	88.2	88.4	88.[illegible]	88.8	88.[illegible]	88.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4
[illegible]	[illegible]	91.0	91.1	91.4	91.6	91.6	91.6	91.6	91.7	91.7
[illegible].3	[illegible]	91.[illegible]	91.9	92.3	92.5	92.6	92.6	92.6	[illegible]	92.6
.7	[illegible]1.4	92.4	92.[illegible]	93.0	93.2	93.3	93.4	93.4	93.4	93.4
1.1	[illegible]	92.9	93.0	93.5	94.0	94.0	94.1	94.1	94.1	94.1
1.4	[illegible]	93.4	93.5	94.2	94.7	94.7	94.9	94.9	95.0	95.0
1.[illegible]	[illegible]	94.2	94.5	95.3	95.7	95.9	96.2	96.3	96.4	96.4
[illegible]	[illegible]	94.7	95.1	96.0	96.7	96.7	97.2	97.3	97.3	97.4
[illegible].7	[illegible]	95.4	[illegible]	96.7	97.7	97.8	98.3	98.4	98.5	98.5
[illegible]	94.2	95.5	96.1	97.2	98.1	98.2	98.9	99.0	99.2	99.3
[illegible]	94.[illegible]	95.5	96.1	97.3	98.2	98.3	99.0	99.2	99.7	100.0
[illegible]	[illegible]	95.6	96.1	97.3	98.2	98.3	99.0	99.2	99.7	100.0

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY COMBINATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible] YEARS: [illegible]

LST TO UTC: + 5 MONTH: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.7	54.7	54.7
GE 18000	55.5	57.4	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7
GE 15000	57.9	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7
GE 14000	58.2	59.6	59.8	59.8	59.8	59.8	59.8	59.7	59.7	59.7
GE 12000	59.0	60.8	60.8	60.8	60.8	60.8	60.8	60.7	60.7	60.7
GE 10000	62.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7
GE 8000	67.1	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	68.0	68.7	68.8	69.1	69.1	69.1	69.1	69.4	69.4	69.4
GE 6000	69.4	69.1	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7
GE 5000	70.1	69.8	70.8	70.8	70.7	70.7	70.7	70.7	70.7	70.7
GE 4500	71.4	71.1	71.6	72.1	72.2	72.2	72.3	72.4	72.4	72.4
GE 4000	72.2	72.7	73.4	73.6	73.9	73.9	74.2	74.1	74.1	74.1
GE 3500	73.6	74.3	75.2	75.6	75.8	75.8	77.7	75.8	75.8	75.8
GE 3000	74.9	77.5	77.7	78.1	78.2	78.7	78.7	78.9	78.9	78.9
GE 2500	77.8	79.4	79.7	80.1	80.6	80.7	80.7	81.7	81.7	81.7
GE 2000	79.6	81.2	82.1	82.7	83.2	83.4	83.4	83.4	83.5	83.5
GE 1800	80.3	81.8	82.4	83.2	83.6	83.7	84.0	84.1	84.1	84.1
GE 1500	80.4	82.2	83.0	83.9	84.3	84.7	85.0	85.2	85.2	85.2
GE 1200	81.3	83.0	83.8	84.8	85.4	85.8	86.0	86.3	86.3	86.3
GE 1000	81.4	83.2	84.2	85.3	85.9	86.3	86.7	86.9	86.9	87.2
GE 800	81.5	83.4	84.3	85.7	86.7	87.2	87.6	87.4	87.6	87.6
GE 600	82.0	83.7	84.9	86.6	87.4	87.8	88.3	88.4	88.6	88.7
GE 500	82.1	83.9	85.4	87.2	88.4	89.5	90.4	90.6	90.9	91.3
GE 400	82.2	84.1	85.6	87.9	89.3	90.5	91.4	91.7	91.9	92.3
GE 300	82.3	84.2	85.9	88.3	91.0	91.3	92.4	93.6	94.1	94.5
GE 200	82.4	84.3	86.1	88.6	91.4	92.1	93.2	94.3	94.7	95.3
GE 150	82.5	84.5	86.2	88.9	91.5	92.2	93.5	94.6	94.9	95.6
GE 100	82.6	84.5	86.2	88.9	91.5	92.2	93.5	94.7	94.9	95.6
GE 000	82.6	84.5	86.2	88.9	91.5	92.2	93.5	94.5	94.9	95.6

TOTAL NUMBER OF OBSERVATIONS 548

[illegible] - 2 - 1[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: FEB HOURS: 00-02

VISIBILITY IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	5/[illegible]	1/4	[illegible]
.7	[illegible].7	53.[illegible]	[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	[illegible]	53.[illegible]
[illegible]	[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.[illegible]	[illegible]	[illegible]	59.[illegible]
[illegible]	[illegible]	[illegible].7	[illegible].7	59.7	59.7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	59.7
[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	59.7
[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	60.7
.7	.7	[illegible]	[illegible]	[illegible]	63.[illegible]	63.[illegible]	[illegible]	[illegible]	[illegible]	63.[illegible]
[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible].7	64.7	[illegible].7	[illegible].7	[illegible].7	64.7
[illegible]	[illegible].2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].2	[illegible].2	[illegible]
.1	[illegible].2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible].4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4	72.[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	72.[illegible]
[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].1	74.1	74.1	74.1	74.1	[illegible].1	74.1
[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible]	[illegible]1.[illegible]	1.[illegible]	1.[illegible]	[illegible]1.[illegible]	1.[illegible]	[illegible]1.[illegible]	1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]3.[illegible]
.7	[illegible]	[illegible].1	[illegible].1	[illegible]4.1	[illegible]4.1	[illegible].1	[illegible]4.1	[illegible].1	[illegible].1	[illegible].1
.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible].1	[illegible]	[illegible]4.3	[illegible]	[illegible].2	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]7.1	97.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible].1	[illegible]
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[illegible]	[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	100.[illegible]

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC AND VISIBILITY COMBINATIONS

STATION NUMBER: 723055 STATION NAME: RALEIGH, NC
LST TO UTC: + 5 YEARS: 1974-1978

CEILING (FT)	VISIBILITY IN STATUTE MILES 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	53.2	53.7	53.[illegible]	54.1	54.1	54.3	54.3	54.7	54.7	54.7
GE 20000	[illegible]	59.9	59.1	59.4	59.4	59.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	59.1	59.4	59.4	59.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	58.4	59.5	59.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	58.2	[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	59.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	60.[illegible]	60.2	60.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	61.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	62.[illegible]	63.2	63.4	63.5	63.5	63.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	65.3	65.7	65.[illegible]	67.3	67.3	67.3	67.3	67.[illegible]	67.[illegible]	67.[illegible]
GE 7000	[illegible]	67.3	67.[illegible]	67.7	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	67.[illegible]	[illegible]	[illegible]	[illegible]	68.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.1	73.1	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	73.1	71.1	71.4	71.4	71.[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	71.[illegible]	[illegible]	[illegible]	74.[illegible]	73.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	73.7	[illegible]	[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	77.1	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	81.[illegible]	81.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	81.4	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 240

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
EXPRESSED BY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 79
MONTH: FEB HOURS: 23-05

VISIBILITY IN STATUTE MILES										
1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.5
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[illegible]	[illegible]	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.7
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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL[illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	[illegible]	49.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	57.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL [illegible] - JUN [illegible]
MONTH: [illegible] HOURS: 06-0[illegible]

VISIBILITY IN STATUTE MILES

[illegible] 1/2	[illegible]	1 1/2	1 1/4	GE 1	3/4	5/8	1/2	3/8	1/4	GE 0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.1	7.1	57.1	57.1	57.1	57.1	57.1	57.1	[illegible]	57.1
[illegible]	[illegible]	57.7	[illegible]	[illegible]	57.7	57.7	57.7	57.7	[illegible]	57.7
[illegible]	57.7	[illegible]	[illegible]	57.7	57.7	[illegible]	57.7	57.7	57.7	57.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	62.3	62.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.4	[illegible]	[illegible]	[illegible]	[illegible]	63.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.7	[illegible]	[illegible]	[illegible]	70.7
[illegible]	[illegible]	[illegible]	[illegible]	73.1	73.1	[illegible]	73.1	73.1	[illegible]	73.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.7	[illegible]	[illegible]	[illegible]	75.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC [illegible] JULY [illegible] ASHEVILLE NC

STATION NUMBER: 723065 STATION NAME: [illegible]
EST TO UTC: + [illegible] [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL [illegible] VALID [illegible]

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: FEB HOURS: 09-11

VISIBILITY IN STATUTE MILES										
[illegible] 1/2	[illegible]	1 1/2	1 1/4	GE 1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	59.4	59.4	59.4	[illegible]	[illegible]	[illegible]	59.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.2	61.2	[illegible]	[illegible]	[illegible]	61.2
[illegible]	[illegible]	63.7	[illegible]	63.7	63.7	63.7	63.7	[illegible]	[illegible]	63.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.1	70.1	[illegible]	[illegible]	70.1
[illegible]	71.	[illegible]	[illegible]	71.	[illegible]	71.	71.	71.	[illegible]	[illegible]
[illegible]	[illegible]	74.7	74.7	[illegible]	74.7	74.7	74.7	[illegible]	[illegible]	74.7
[illegible]	[illegible]	75.7	[illegible]	75.7	75.7	75.7	75.7	[illegible]	[illegible]	75.7
[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.7	[illegible]	[illegible]	79.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.1	84.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION WAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
AND/OR VISIBILITY

STATION NUMBER: 726065 STATION NAME: MCASL [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	49.2	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	59.7	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4
GE 15000	60.6	62.3	61.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	62.3	62.7	62.8	62.8	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	61.7	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	65.2	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	65.1	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	65.6	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 7000	69.5	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	70.7	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	72.1	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	74.3	75.0	75.0	75.0	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	75.0	75.5	75.7	75.7	77.1	77.3	77.5	77.5	77.5	77.5
GE 3000	77.1	77.6	77.6	77.6	75.9	75.9	75.9	75.9	75.9	75.9
GE 2500	75.7	76.4	76.4	76.4	76.5	76.5	76.1	76.4	76.4	76.4
GE 2000	72.4	72.4	72.3	72.3	73.2	73.2	73.2	73.2	73.2	73.2
GE 1800	1.7	73.3	73.3	73.3	74.5	74.5	74.5	74.5	74.5	74.5
GE 1500	72.9	72.7	74.1	74.1	75.2	75.2	75.7	75.9	75.9	75.9
GE 1200	75.3	75.5	75.5	75.5	76.3	76.3	76.5	77.5	77.1	77.5
GE 1000	73.7	75.4	75.7	75.7	77.2	77.7	77.4	77.7	77.9	77.9
GE 900	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 800	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 700	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 600	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 500	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 400	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 300	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 200	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 100	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9
GE 000	74.3	75.7	75.7	75.7	77.3	77.7	77.7	77.9	77.9	77.9

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7? - JUN ??
MONTH: FEB HOURS: 12-14

VISIBILITY IN STATUTE MILES

1/[illegible]	[illegible]	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.9	[illegible]	[illegible]	[illegible]	59.2
[illegible]	[illegible]	60.4	60.4	60.4	60.4	60.4	60.4	60.4	[illegible]	60.4
[illegible]	[illegible]	[illegible]	60.5	[illegible]	60.5	60.5	60.5	60.5	[illegible]	60.5
61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
[illegible]	[illegible]	62.4	[illegible]	62.4	62.4	62.4	62.4	62.4	62.4	62.4
[illegible]	[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7	[illegible]	65.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.	[illegible]	[illegible]	68.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.0	69.0	[illegible]	[illegible]	69.0
70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.4	71.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.4	72.9	72.9	[illegible]	[illegible]	72.9
74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
[illegible]	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
[illegible]	[illegible]	82.4	[illegible]	[illegible]	82.4	82.4	82.4	[illegible]	82.4	82.4
[illegible]	[illegible]	84.2	[illegible]	84.3	84.3	84.7	84.3	[illegible]	[illegible]	84.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.7	85.7	[illegible]	[illegible]	85.7
[illegible]	87.3	87.4	[illegible]	[illegible]	[illegible]	[illegible]	87.1	[illegible]	[illegible]	87.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.1	90.1	90.1	[illegible]	[illegible]	90.1
[illegible]	[illegible]	[illegible]	[illegible]	90.3	90.3	90.3	90.3	[illegible]	[illegible]	90.3
[illegible]	[illegible]	[illegible]	[illegible]	91.2	91.2	91.2	91.2	91.2	91.2	91.2
[illegible]	[illegible]	92.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.5
[illegible]	[illegible]	93.4	93.	94.1	94.1	94.1	94.1	94.1	94.1	94.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.2	97.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.3	97.3	97.3	97.4	97.7	98.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	97.7	97.8	97.	[illegible]	98.
[illegible]	[illegible]	63.1	[illegible]	[illegible]	97.4	97.	97.	97.	.7	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	3	2	1	3/4	1/2	1/4	1/8	0
NO CEIL	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	[illegible]	[illegible]	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 15000	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 14000	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	53.4	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 11000	54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	55.1	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 9000	57.4	57.7	57.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 7000	72.2	72.4	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	71.5	71.8	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	72.9	73.2	73.7	73.9	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	73.7	73.9	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	75.5	75.8	75.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	77.7	77.9	78.2	78.3	78.4	78.5	78.6	78.6	78.6	78.6
GE 3000	80.4	80.6	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	81.7	82.2	83.2	83.8	83.9	84.1	84.5	84.6	84.7	84.7
GE 2000	83.3	84.1	83.9	84.3	84.4	84.9	85.3	85.4	85.4	85.4
GE 1500	84.4	85.4	84.9	84.9	85.5	86.2	86.6	86.1	86.1	86.1
GE 1000	85.5	86.1	85.9	86.1	86.9	87.0	87.3	87.4	87.5	87.5
GE 1200	84.3	84.7	85.2	87.2	87.5	88.1	88.4	88.4	88.4	88.4
GE 1000	84.2	84.5	85.3	87.4	88.1	88.7	89.2	89.2	89.4	89.4
GE 900	84.5	85.2	86.7	87.9	88.5	89.2	89.5	89.5	89.6	89.6
GE 800	84.7	85.6	87.3	88.3	89.2	89.8	90.2	90.8	91.0	91.0
GE 700	84.8	85.8	87.5	88.6	90.2	91.5	91.5	92.4	92.8	92.8
GE 600	84.8	85.9	87.6	88.8	90.5	91.8	92.5	93.5	93.8	94.3
GE 500	84.8	86.3	87.8	89.4	91.7	92.8	93.5	94.5	94.8	95.3
GE 400	84.8	86.3	87.9	89.4	91.8	92.9	93.6	94.6	95.0	95.5
GE 300	84.8	86.3	87.9	89.4	91.8	92.9	93.6	94.6	95.0	95.5
GE 200	84.8	86.3	87.9	89.4	91.8	92.9	93.6	94.6	95.0	95.5
GE 100	84.8	86.3	87.9	89.4	91.8	92.9	93.6	94.6	95.0	95.5
GE 000	84.8	86.3	87.9	89.4	91.8	92.9	93.6	94.6	95.0	95.5

TOTAL NUMBER OF OBSERVATIONS 540

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUL
MONTH: FEB HOURS: 15-17

ILITY IN STATUTE MILES

GE 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	[illegible]	49.2
.1	[illegible]	58.1	58.1	58.1	58.1	58.1	58.1	58.1	[illegible]	58.1
.4	[illegible]	[illegible]	[illegible]	[illegible]	58.4	58.4	58.4	58.4	[illegible]	58.4
.4	[illegible]	[illegible]	58.4	58.4	58.4	[illegible]	58.4	58.4	[illegible]	58.4
7.2	[illegible]	59.0	59.0	59.0	59.0	59.0	59.0	59.0	[illegible]	59.0
.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
.1	[illegible]	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
.5	[illegible]	66.5	[illegible]	[illegible]	66.5	66.5	66.5	[illegible]	[illegible]	66.5
.1	[illegible]	[illegible]	69.1	69.1	69.1	69.1	69.1	69.1	[illegible]	69.1
.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
.	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]
.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	[illegible]	73.1
.	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.9	73.[illegible]	73.[illegible]	73.[illegible]	[illegible]	73.[illegible]
.1	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.7
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.4
1.	[illegible]	[illegible]	[illegible]	[illegible]	93.1	93.1	93.1	[illegible]	93.1	93.1
1.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3
1.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

- 2 - 1

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE FOR C [illegible]
USAFETAC, ASHEVILLE NC [illegible] ONLY [illegible] OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible] AFB NC [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	55.1	55.2	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7
20000	[illegible]	[illegible]	[illegible]	60.0	60.0	60.0	60.0	[illegible]	[illegible]	[illegible]
18000	59.9	60.2	60.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1
15000	59.9	60.2	60.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1
14000	59.9	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
12000	60.9	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
10000	64.2	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
9000	64.5	65.0	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
8000	64.4	65.2	65.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
7000	70.2	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
6000	70.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
5500	72.2	72.3	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
5000	73.5	74.2	74.3	74.4	74.3	74.3	74.3	74.3	74.3	74.3
4500	75.2	76.2	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
4000	77.1	78.2	78.1	80.2	80.3	80.3	80.3	80.3	[illegible]	[illegible]
3500	79.1	[illegible]	80.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
3000	1.3	3.7	83.3	83.9	84.1	84.3	[illegible]	[illegible]	[illegible]	84.3
2500	3.2	[illegible]	83.7	84.9	85.3	85.4	[illegible]	[illegible]	[illegible]	[illegible]
2000	[illegible]	[illegible]	83.7	[illegible]	85.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500	3.3	4.3	[illegible]	[illegible]	86.7	[illegible]	87.3	87.3	87.3	87.3
1200	[illegible]	[illegible]	[illegible]	87.3	87.3	87.3	[illegible]	[illegible]	[illegible]	[illegible]
1000	[illegible]	[illegible]	[illegible]	87.4	88.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
900	3.2	[illegible]	[illegible]	87.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
700	3.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
500	[illegible]	3.7	[illegible]	87.2	[illegible]	[illegible]	44.1	[illegible]	[illegible]	[illegible]
400	3.7	[illegible]	87.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
300	[illegible]	[illegible]	87.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200	3.7	[illegible]	87.2	[illegible]	[illegible]	44.1	[illegible]	[illegible]	[illegible]	[illegible]
100	3.7	[illegible]	87.2	[illegible]	[illegible]	44.1	[illegible]	[illegible]	[illegible]	[illegible]
50	[illegible]	3.7	[illegible]	87.2	[illegible]	[illegible]	44.1	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FIRST ONLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: FEB HOURS: 12-20

VISIBILITY IN STATUTE MILES										
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.7	[illegible].7	55.7	55.7	55.7	[illegible].7	55.7	55.[illegible]	55.[illegible]	[illegible]	55.[illegible]
.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.1	[illegible].1	[illegible].1	60.1
.1	[illegible].1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	[illegible].2	60.2
.1	[illegible].1	60.1	[illegible].1	60.1	60.1	60.1	60.2	60.2	[illegible].2	60.2
.4	[illegible]	[illegible]	[illegible]	62.4	62.4	62.4	62.5	62.5	62.5	62.5
.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]
.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.[illegible]	[illegible]	[illegible].1	[illegible].1	65.1
.4	[illegible].4	[illegible]	[illegible]	65.4	65.4	65.4	65.5	65.5	65.	65.5
.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.4
.3	71.	71.[illegible]	71.[illegible]	71.3	71.3	71.[illegible]	71.4	71.4	71.4	71.4
.4	71.4	71.4	71.4	71.4	71.4	71.4	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]
.[illegible]	[illegible]	[illegible]	[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.4	73.4	73.4	73.4
.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
.[illegible]	77.	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.4	77.4	77.4	77.4
.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.4
.[illegible]	[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.	[illegible]	[illegible]	[illegible]	2.[illegible]
.[illegible]	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	[illegible]	4.[illegible]	4.[illegible]	[illegible]	4.[illegible]
.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	.7	.7	[illegible]	.7	[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]
.[illegible]	7.[illegible]	7.[illegible]	7.[illegible]	7.[illegible]	7.4	7.4	7.[illegible]	7.[illegible]	7.[illegible]	7.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].2
.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1
.[illegible]	[illegible]	91.[illegible]	91.4	91.[illegible]	91.[illegible]	91.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.[illegible]
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.[illegible]

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY COMBINATIONS

STATION NUMBER: 723255 STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	[illegible]
NO CEIL	47.5	54.9	56.1	57.1	58.1	58.1	58.1	58.1	58.1	[illegible]	
GE 20000	61.5	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.7	
GE 18000	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	[illegible]	
GE 15000	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	[illegible]	[illegible]	
GE 14000	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
GE 12000	62.2	62.7	62.[illegible]	62.7	62.7	62.7	62.7	62.7	62.7	[illegible]	
GE 10000	[illegible]	64.1	64.2	64.2	64.4	64.4	64.4	64.4	[illegible]	[illegible]	
GE 9000	[illegible]	[illegible]	65.1	65.1	65.4	65.4	65.4	65.4	[illegible]	[illegible]	
GE 8000	67.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 7000	[illegible]	69.1	69.[illegible]	69.3	69.5	69.5	69.5	69.5	69.[illegible]	[illegible]	
GE 6000	[illegible]	[illegible]	69.7	69.7	70.5	70.5	70.5	70.[illegible]	[illegible]	[illegible]	
GE 5000	70.6	71.1	71.4	71.5	71.7	71.7	71.7	71.7	71.7	[illegible]	
GE 4500	[illegible]	72.7	72.9	73.1	73.4	73.4	73.4	73.4	[illegible]	[illegible]	
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 3500	[illegible]	77.1	77.[illegible]	[illegible]	[illegible]	77.2	[illegible]	[illegible]	[illegible]	[illegible]	
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 2500	[illegible]	1.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 2000	1.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - 17

[illegible] OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7? - JUN ??
MONTH: SEP HOURS: 21-23

[illegible]ILITY IN STATUTE MILES

/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58.2
[illegible]	[illegible]	52.2	[illegible]	52.7	52.7	52.7	52.7	52.7	52.7	52.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.0	[illegible]	[illegible]	53.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.3	[illegible]	53.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.7	71.7	71.7	[illegible]	72.2	[illegible]	[illegible]	[illegible]	[illegible]	72.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.3	[illegible]	[illegible]	[illegible]	[illegible]	91.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

OPERATING LOCATION "A"
USAHTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FOR ALL HOURS OF OBSERVATION

STATION NUMBER: 725255 STATION NAME: PRAGUE AFB, OK
LST TO UTC: + 5 PERIOD: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	52.3	52.5	52.	52.7	52.7	52.8	52.	52.8	52.8	52.8
GE 20000	53.3	53.6	53.1	53.2	53.2	53.2	53.2	53.3	53.3	53.4
GE 15000	53.3	53.3	53.3	53.3	53.7	53.7	53.7	53.	53.7	53.
GE 10000	53.3	53.4	53.5	53.7	53.7	53.8	53.8	53.	53.	53.
GE 6000	53.3	53.7	53.8	60.3	60.1	60.1	60.1	60.1	60.	60.2
GE 3000	60.2	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2
GE 1500	63.3	63.5	63.5	64.0	64.1	64.1	64.1	64.	64.2	64.3
GE 1000	63.3	63.5	64.3	64.7	64.2	64.2	64.2	64.3	64.3	64.4
GE 500	67.3	67.7	68.3	68.1	68.2	68.2	68.2	68.3	68.3	68.4
GE 300	69.2	69.3	69.2	69.4	69.3	69.3	69.3	69.4	69.3	69.7
GE 200	70.2	70.3	70.3	70.1	70.2	70.2	70.2	70.3	70.3	70.4
GE 150	70.3	71.	71.3	71.	71.7	71.	71.	71.	71.	71.3
GE 100	71.2	72.3	73.3	73.3	73.4	73.2	73.3	73.3	73.3	73.3
GE 70	73.3	74.3	74.3	75.4	75.3	75.2	75.3	75.3	75.3	75.3
GE 50	75.2	76.2	76.2	77.3	77.4	77.3	77.3	77.3	77.3	77.
GE 30	77.3	77.2	77.	77.4	77.3	77.3	77.3	78.1	78.3	78.3
GE 20	77.7	78.1	78.	78.1	78.1	78.2	78.1	78.2	78.3	78.3
GE 15	78.1	78.7	78.7	78.3	78.3	78.	78.1	78.3	78.3	78.3
GE 10	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.7	78.3	78.3
GE 7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7

TOTAL OBSERVATIONS 5792

```
 [illegible]UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
      [illegible] HOURLY OBSERVATIONS

 [illegible]                    PERIOD OF RECORD:  JUL 7[illegible] - JU[illegible]
                               MONTH: [illegible] HOURS: ALL
.............................................................................
ILITY IN STATUTE MILES
      [illegible]     [illegible]     [illegible]     [illegible]    [illegible]    [illegible]    [illegible]    [illegible]    [illegible]    [illegible]
 .[illegible]    [illegible]   1 1/2  1 1/4     1     3/4    5/[illegible]   1/2    [illegible]   1/4     0
.............................................................................

 .      [illegible].   52.[illegible]  [illegible].  [illegible].[illegible]  52.8   52.9   52.9   [illegible].[illegible]   5[illegible].[illegible]   52.9

 .[illegible]     [illegible].[illegible]   [illegible].[illegible]  [illegible].[illegible]  [illegible].[illegible]  [illegible].4   [illegible].4   59.4   59.4   [illegible].4   59.4
 .[illegible]     [illegible].[illegible]   [illegible].  [illegible].[illegible]  [illegible].[illegible]  [illegible].[illegible]  [illegible].[illegible]  [illegible].   [illegible].[illegible]  [illegible].[illegible]  59.[illegible]
 .      [illegible].[illegible]   [illegible].  [illegible].   [illegible].[illegible]  [illegible].[illegible]  59.6   [illegible].[illegible]  [illegible].[illegible]  [illegible].[illegible]  [illegible].3
 .1     [illegible].[illegible]   [illegible].[illegible]  [illegible].[illegible]  [illegible].[illegible]  [illegible].2   [illegible].2   [illegible].2   [illegible].2   [illegible].2   [illegible].2
 .[illegible]     [illegible]1.[illegible]   [illegible]1.[illegible]  [illegible]1.[illegible]  [illegible]1.[illegible]  [illegible]1.[illegible]  61.[illegible]   61.3   [illegible]1.[illegible]  [illegible]1.[illegible]  61.3

 .1     [illegible].1   [illegible].  [illegible].[illegible]  [illegible].[illegible]  [illegible].[illegible]  [illegible].3   [illegible].[illegible]  [illegible].[illegible]  [illegible].[illegible]  64.3
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OPERATING LOCATION: WAW
USAF-TAC, [illegible]

STATION [illegible]: [illegible] STATION [illegible]: [illegible]
[illegible]

CEILING IN FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VISIBILITY IN STATUTE MILES [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 230

A

[illegible] CEILING VERSUS VISIBILITY
[illegible] OBSERVATIONS

[illegible] JUL [illegible]

[illegible] STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	[illegible]	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	94.1	94.4	94.4	94.7	94.7	[illegible]	[illegible]
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[illegible]	[illegible]	95.7	[illegible]	95.7	97.1	97.3	[illegible]	[illegible]	[illegible]	99.4
[illegible]	[illegible]	[illegible]	[illegible]	95.7	97.1	97.3	98.1	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.3	98.1	[illegible]	[illegible]	100.0

8

OPERATIONS LOCATION [illegible]
[illegible]

STATION [illegible]

CEILING IN FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

A

[illegible] ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

MONTHS: JUL
HOURS: [illegible]

VISIBILITY IN STATUTE MILES	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	91.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.4	54.4	54.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.7	[illegible]	[illegible]	[illegible]	[illegible]	54.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	75.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74.7	74.7	74.7	74.7	74.7	[illegible]	74.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	91.1	91.1	91.1	91.1	91.1	91.1	91.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.7	91.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.1	96.2	[illegible]	[illegible]	[illegible]	97.1
[illegible]	[illegible]	95.7	[illegible]	95.7	97.2	97.4	98.2	[illegible]	99.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.3	97.5	98.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.3	97.6	98.3	[illegible]	[illegible]	100.0

B

OPERATING LOCATION [illegible]
USAFETAC, [illegible]

[illegible] FREQUENCY OF [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	47.1	[illegible]	4?.	47.6	47.6	47.6	47.	47.6	47.	47.7
GE 20000	48.7	[illegible]	51.?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	50.5	51.5	52.2	52.	52.	53.3	[illegible]	53.1	[illegible]	[illegible]
GE 16000	[illegible]	1.	[illegible]	[illegible]	54.?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	53.1	53.7	53.7	53.7	53.	53.	[illegible]
GE 12000	51.0	[illegible]	54.1	54.7	54.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	67.1	67.6	67.	[illegible]	67.	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	69.7	70.	70.	[illegible]	70.1	[illegible]	[illegible]
GE 4000	[illegible]	70.4	71.5	72.	73.4	73.	[illegible]	7?.	7?.	7?.
GE 3500	71.0	72.2	72.	74.2	75.1	75.1	[illegible]	75.	75.	75.
GE 3000	71.?	74.?	74.?	75.6	[illegible]	[illegible]	7?.7	[illegible]	[illegible]	77.
GE 2500	72.	[illegible]	75.5	77.1	77.	[illegible]	[illegible]	7?.7	[illegible]	[illegible]
GE 2000	73.	75.	77.1	7?.5	79.	[illegible]	[illegible]	?.4	[illegible]	[illegible]
GE 1800	73.	75.?	77.4	[illegible]	80.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	74.	77.6	78.7	[illegible]	81.6	81.7	82.	82.4	[illegible]	82.7
GE 1200	76.	[illegible]	79.?	81.	83.	?.3	?.7	84.?	[illegible]	[illegible]
GE 1000	76.5	79.1	80.?	82.?	83.	84.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	77.	79.5	81.2	83.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.
GE 800	77.	80.3	82.3	84.7	85.3	[illegible]	[illegible]	87.4	[illegible]	[illegible]
GE 700	77.	[illegible]	82.	85.3	87.1	87.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	81.1	83.	85.?	87.?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	7?.4	81.3	83.2	85.1	88.4	89.1	90.	92.2	[illegible]	[illegible]
GE 400	78.	81.?	83.5	85.5	88.?	89.	91.5	93.2	[illegible]	94.
GE 300	78.5	81.5	83.5	86.5	89.1	90.2	91.7	94.	[illegible]	[illegible]
GE 200	78.6	81.6	83.5	86.5	89.2	90.3	91.	94.2	95.	95.
GE 100	78.6	81.5	83.5	[illegible]	89.2	90.3	91.	94.	[illegible]	[illegible]
GE 000	78.6	81.6	83.5	86.6	89.2	90.3	91.	94.?	[illegible]	95.

TOTAL NUMBER OF OBSERVATIONS 932

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] JUL [illegible] - JU[illegible]

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/[illegible]	1 1/4	1	3/4	5/[illegible]	1/[illegible]	[illegible]	1/4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	47.7	47.7	47.7	47.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.	[illegible]	[illegible]	74.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.1	[illegible]	91.2
[illegible]	[illegible]	[illegible]	91.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.1	94.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	97.7	[illegible]	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	97.7	[illegible]	[illegible]	[illegible]	100.0

[illegible] - [illegible] - [illegible]1

6

OPERATING LOCATION A, [illegible]
USAFETAC, ASHEVILLE NC

STATION NUMBER: [illegible] STATION NAME: [illegible]

CEILING [illegible]

CEILING IN FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible] VERSUS VISIBILITY

[illegible]

[illegible]: JUL [illegible]

[illegible] HOURS: 09-11

[illegible]ILITY IN STATUTE MILES

[illegible]	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.7	63.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.4	80.4	[illegible]	[illegible]	[illegible]	80.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	87.4	87.4	87.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.0	91.0	91.0	91.0	91.0	91.2
[illegible]	[illegible]	91.1	[illegible]	91.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.7	[illegible]	92.7	93.3	[illegible]	[illegible]	[illegible]	[illegible]	93.3
[illegible]	[illegible]	[illegible]	94.1	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	94.9	[illegible]	97.[illegible]	97.5	97.5	97.6	97.6	97.6	97.6
[illegible]	[illegible]	[illegible]	[illegible]	97.7	98.7	98.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	95.1	[illegible]	[illegible]	99.0	99.0	99.1	99.1	[illegible]	[illegible]
[illegible]	[illegible]	95.1	[illegible]	[illegible]	99.0	99.0	99.1	99.1	[illegible]	100.0
[illegible]	[illegible]	95.1	[illegible]	[illegible]	99.0	99.0	99.1	99.1	[illegible]	100.0

6

OPERATING LOCATION NAME

USAFETAC, ASHEVILLE, NC

STATION NUMBER: [illegible]

STATION NAME: [illegible]

LATITUDE: [illegible]

CEILING FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VISIBILITY [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22 OVIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

CY [illegible] VISIBILITY

[illegible] HOURS: 12-14

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	/[illegible]	1/[illegible]	[illegible]	1/4	[illegible]
[illegible]	47.	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	47.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
.1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible].7	54.7	54.7	54.7	[illegible].7	[illegible].7	54.7	[illegible]	[illegible].7	54.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].7	[illegible]	[illegible].7	.7	[illegible].7	[illegible]	[illegible].7	[illegible]	.7	[illegible].7
[illegible]	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible].4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.4	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible]	.7	[illegible].7
[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	.1	[illegible]
.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	7[illegible].7	73.7
[illegible]	77.	77.[illegible]	77.[illegible]	77.	77.	77.	77.[illegible]	77.	77.	77.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	[illegible].7	[illegible]	[illegible]	[illegible]7.1	[illegible]7.1	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.	[illegible]	[illegible]1.[illegible]
[illegible]	[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.7	91.[illegible]	91.	[illegible]	[illegible]	[illegible]1.[illegible]
[illegible]	[illegible]1.4	[illegible]	[illegible]	[illegible].3	[illegible].6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]3.4	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]	[illegible]3.4
[illegible]	[illegible]	[illegible].3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].3
[illegible]	[illegible].7	[illegible]	[illegible].1	[illegible].4	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.1	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]
[illegible]	[illegible]	[illegible].1	[illegible]7.1	[illegible]7.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].1	[illegible]	[illegible]	100.[illegible]
[illegible]	[illegible]	[illegible].3	[illegible]7.[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].1	[illegible]	[illegible]	100.[illegible]

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

STATION NO [illegible] STATION NAME [illegible]

CEILING IN FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.1	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JU[illegible]
MONTH: [illegible] HOURS(LST): 15-17

VISIBILITY IN STATUTE MILES

1/[illegible]	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.4	[illegible]	[illegible]	[illegible]	[illegible]	52.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].7	[illegible].7	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	77.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1	7[illegible].1	7[illegible].1	7[illegible]	7[illegible].1	[illegible].1	7[illegible].1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]
7.1	7.[illegible]	[illegible]7.[illegible]	7.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]1.4	[illegible]1.4	[illegible]1.4	[illegible]	[illegible]	[illegible]1.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]	[illegible]1.[illegible]
[illegible]	[illegible]	[illegible]1.[illegible]	[illegible]1.1	[illegible]1.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible].4	[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1	[illegible].2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].2	[illegible]	[illegible]	[illegible].3	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].1
[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	100.[illegible]
[illegible]	[illegible].4	[illegible].2	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible].2	100.[illegible]

STATION [illegible]

CEILING [illegible]

[illegible]

TOTAL [illegible]

A

[illegible] CY OF OCC[illegible] CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
[illegible] HOURS: [illegible]-[illegible]

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	[illegible]/[illegible]	1/[illegible]	3/[illegible]	1/4	[illegible]
[illegible]	[illegible]	[illegible]	49.[illegible]	4[illegible]	[illegible]	4[illegible].6	[illegible]	[illegible]	[illegible]	49.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.[illegible]	[illegible]	[illegible]	5[illegible].2
.1	[illegible].1	5[illegible].1	[illegible].1	[illegible].1	55.1	55.1	[illegible].1	[illegible].1	.1	55.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	[illegible]7.[illegible]	57.[illegible]	57.[illegible]	[illegible]7.[illegible]	57.[illegible]	57.[illegible]
[illegible]	[illegible]1.[illegible]	[illegible]1.3	[illegible]1.[illegible]	[illegible]1.3	[illegible]1.3	[illegible]1.[illegible]	[illegible]1.3	[illegible]1.[illegible]	[illegible]1.[illegible]	61.3
1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.6	[illegible]1.[illegible]	51.5	51.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.5
[illegible]	[illegible]	[illegible]4.2	[illegible]	[illegible]4.2	[illegible]4.2	[illegible]4.2	64.[illegible]	[illegible]4.2	[illegible]	[illegible]4.2
[illegible]	[illegible]	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible]	[illegible]	[illegible].4	[illegible].4
[illegible]	[illegible]	[illegible].2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7[illegible]	7[illegible]	7[illegible].2	72.2	72.2	72.[illegible]	7[illegible]	7[illegible].2	7[illegible]	72.[illegible]
[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]
[illegible]	77.	77.	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.	77.	77.[illegible]
[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	[illegible]	7[illegible]
1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	[illegible]1.[illegible]	[illegible]1.0	1.0	1.[illegible]	[illegible]1.[illegible]	1.[illegible]	[illegible]1.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]3.0	[illegible]	[illegible]3.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.7	[illegible]	3.[illegible]	3.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]3.[illegible]
[illegible]	[illegible]	[illegible]	[illegible].4	[illegible].4	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible].4
7.	7.[illegible]	7.[illegible]	7.[illegible]	[illegible]7.4	7.4	[illegible]7.4	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.4
[illegible]	[illegible]	[illegible].4	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]	[illegible].1	[illegible].2	[illegible]	[illegible]	[illegible].2	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].2	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.	[illegible]1.	[illegible]1.[illegible]	91.[illegible]
[illegible]	[illegible]1.[illegible]	[illegible]1.7	[illegible]1.	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]3.[illegible]	[illegible]	[illegible]3.[illegible]
[illegible]	[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]4.2	[illegible]4.2	[illegible]4.7	[illegible]4.7	[illegible]4.7	[illegible]4.7
[illegible]	[illegible]3.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible].3	[illegible].6	[illegible].7	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	97.0	97.1	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.5	[illegible]7.6	[illegible]	[illegible]	[illegible]	100.[illegible]
[illegible]	[illegible]4.3	[illegible]5.4	95.[illegible]	[illegible]	[illegible]7.5	[illegible]7.6	[illegible]	[illegible]	[illegible]	100.[illegible]

[illegible] - [illegible] - [illegible]

6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1	1/2
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	53.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	55.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	56.3	56.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	56.7	56.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	57.2	57.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	57.3	[illegible]	[illegible]	[illegible]	57.7	57.7	57.7	57.7	57.7	57.7	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	61.2	61.3	61.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	61.3	61.4	[illegible]	61.5	61.7	61.7	[illegible]	61.7	61.7	61.7	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	65.2	65.2	65.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	66.7	66.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	67.1	67.2	[illegible]	67.4	67.4	67.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	72.2	72.3	72.3	73.2	73.3	73.3	73.3	73.3	73.3	73.3	[illegible]	[illegible]	[illegible]
GE 4000	73.3	[illegible]	74.[illegible]	75.2	75.2	75.3	75.3	75.3	75.3	75.3	[illegible]	[illegible]	[illegible]
GE 3500	74.7	[illegible]	75.[illegible]	75.7	75.7	75.7	75.7	75.7	75.7	75.7	[illegible]	[illegible]	[illegible]
GE 3000	76.2	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	77.[illegible]	[illegible]	78.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	81.3	81.3	82.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	79.7	[illegible]	[illegible]	[illegible]	83.3	83.3	[illegible]	83.3	83.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	81.7	83.4	84.2	84.4	84.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	81.5	[illegible]	84.4	[illegible]	[illegible]	[illegible]	85.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.[illegible]	[illegible]	87.[illegible]	87.4	87.4	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	86.[illegible]	87.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	82.5	[illegible]	86.3	[illegible]	87.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	82.4	[illegible]	86.[illegible]	[illegible]	87.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	87.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.1
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	83.2	[illegible]	[illegible]	[illegible]	[illegible]	91.7	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	83.2	[illegible]	[illegible]	[illegible]	[illegible]	91.7	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	83.2	[illegible]	[illegible]	[illegible]	[illegible]	91.7	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	83.2	[illegible]	[illegible]	[illegible]	[illegible]	91.7	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUL [illegible]
MONTH: MAR HOURS: 21-23

VISIBILITY IN STATUTE MILES

GE 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
[illegible]	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
[illegible]	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
[illegible]	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
7.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
7.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
1.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
1.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
5.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
6.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
7.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
[illegible]	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
3.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
5.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
[illegible]	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
[illegible]	78.5	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8
[illegible]	[illegible]	[illegible]	[illegible]	80.9	80.9	80.9	81.0	81.0	81.0	81.0
2.4	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
3.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5
[illegible]	84.5	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8
6.1	86.1	86.2	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5
7.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
7.2	88.2	88.2	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.5
[illegible]	88.5	88.5	88.5	88.7	88.7	88.7	88.8	88.9	88.9	88.9
9.1	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.9	89.9
0.9	[illegible]	90.9	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3
1.4	92.9	93.2	93.3	94.0	94.0	94.0	94.0	94.7	94.7	94.7
[illegible]	[illegible]	94.4	94.4	95.2	95.2	95.2	95.7	95.9	95.9	95.9
3.7	94.3	95.4	95.4	96.6	96.8	96.9	97.4	97.6	97.6	97.6
3.7	94.3	95.4	95.9	96.3	97.2	97.3	98.1	98.5	98.8	99.4
3.7	94.3	95.4	95.9	96.3	97.4	97.5	98.3	98.8	99.4	100.0
3.7	94.3	95.4	95.9	96.3	97.4	97.5	98.3	98.8	99.4	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY COMBINATIONS

STATION NUMBER: 723080 STATION NAME: [illegible]
STD TIME: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 5	4	3	2	1	1/2	1/4	1/8	0
NO CEIL	[illegible]	[illegible]	49.4	49.5	49.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	54.1	54.4	54.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	54.4	54.7	54.8	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	54.1	[illegible]	54.3	55.0	55.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 7442

A

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FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
      FROM HOURLY OBSERVATIONS

                        PERIOD OF RECORD:  JUL 7  - JU
                        MONTH: MAR  HOURS: ALL
.................................................................
ILITY IN STATUTE MILES
 GE     GE     GE     GE     GE     GE     GE     GE     GE     GE     GE
 1/2    2    1 1/2  1 1/4    1     3/4    5/8    1/2    3/8    1/4     0
.................................................................

 .6    49.6   49.6   49.6   49.7   49.7   49.7   49.7   49.7   49.7   49.7

 .5    54.5   54.5   54.5   54.5   54.5   54.5   54.5   54.5   54.5   54.5
 .0    55.0   55.0   55.0   55.0   55.0   55.0   55.0   55.0   55.0   55.0
 .1    55.1   55.1   55.1   55.2   55.2   55.2   55.2   55.2   55.2   55.2
 .5    55.5   55.5   55.5   55.5   55.5   55.5   55.5   55.5   55.5   55.5
 .5    56.5   56.5   56.5   56.7   56.7   56.7   56.7   56.7   56.7   56.7

 .3    59.3   59.3   59.3   59.3   59.3   59.3   59.3   59.3   59.3   59.3
 .2    60.2   60.2   60.2   60.3   60.3   60.3   60.3   60.3   60.3   60.3
 .0    63.0   63.1   63.1   63.1   63.1   63.1   63.1   63.1   63.1   63.1
 .2    64.2   64.4   64.4   64.4   64.4   64.4   64.4   64.4   64.4   64.4
 .1    65.1   65.1   65.1   65.2   65.2   65.2   65.2   65.2   65.2   65.2

 .0    67.0   67.0   67.0   67.0   67.0   67.0   67.0   67.1   67.1   67.1
 .1    70.1   70.1   70.1   70.1   70.1   70.1   70.1   70.1   70.2   70.2
 .0    73.0   73.0   73.0   73.0   73.0   73.0   73.0   73.1   73.1   73.1
 .4    75.4   75.4   75.4   75.5   75.5   75.5   75.5   75.5   75.5   75.5
 .1    76.1   76.2   76.2   76.3   76.3   76.3   76.3   76.3   76.3   76.3

 .1    80.1   80.2   80.2   80.2   80.2   80.3   80.3   80.3   80.3   80.5
 .1    82.2   82.4   82.4   82.4   82.5   82.5   82.5   82.5   82.5   82.5
 .7    82.7   82.9   82.9   82.9   83.0   83.0   83.0   83.0   83.0   83.0
 .5    84.5   84.5   84.5   84.5   84.7   84.7   84.7   84.7   84.8   84.8
 .7    85.2   85.4   85.4   85.5   85.6   85.6   85.6   85.6   85.6   85.6

 .7    87.1   87.3   87.6   87.6   87.9   88.0   88.0   88.0   88.0   88.0
 7.9   87.9   88.5   88.5   88.9   88.9   88.9   89.0   89.0   89.0   89.0
 .5    89.5   89.5   89.5   89.9   90.1   90.1   90.1   90.1   90.1   90.1
 .2    89.9   90.5   90.6   91.1   91.4   91.4   91.5   91.5   91.5   91.5
 .9    90.9   91.4   91.6   92.3   92.6   92.6   92.7   92.7   92.8   92.8

 .9    93.0   93.3   93.6   94.2   94.6   94.7   94.9   94.9   95.0   95.1
 1.9   93.9   94.4   94.5   95.5   95.9   96.0   96.2   96.3   96.4   96.4
 1.5   94.5   95.1   95.2   96.7   97.2   97.3   97.7   97.8   97.9   98.1
 1.9   93.5   95.3   95.1   97.0   97.9   97.9   98.4   98.6   99.0   99.5
 1.9   93.5   95.3   95.1   97.0   97.9   98.0   98.5   98.8   99.2  100.0

 1.7   93.5   95.3   95.1   97.0   97.9   98.0   98.5   98.8   99.2  100.0
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B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY COMBINATIONS

STATION NUMBER: 723185 STATION NAME: [illegible]
EST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 5	4	3 1/2	3	2 1/2	2	1 1/2	1 1/4	1	3/4
NO CEIL	46.9	47.2	47.7	47.7	48.0	48.0	48.0	[illegible]	[illegible]	[illegible]
GE 20000	49.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	49.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000	49.9	50.2	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	50.2	50.5	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3
GE 12000	50.9	51.1	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	52.6	52.7	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4
GE 9000	52.6	53.1	53.5	53.7	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	55.1	55.5	56.2	56.4	56.6	56.6	56.6	56.6	56.6	56.6
GE 7000	57.2	57.7	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4
GE 6000	58.2	58.9	59.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7
GE 5000	61.2	61.9	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6
GE 4500	64.2	65.2	65.5	65.6	65.9	65.9	65.9	65.9	65.9	65.9
GE 4000	66.9	66.9	67.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	67.3	68.2	68.7	68.8	69.3	69.3	69.3	69.3	69.3	69.3
GE 3000	70.1	71.0	71.5	71.6	72.3	72.3	72.5	72.5	72.5	72.5
GE 2500	71.1	72.1	72.9	73.0	73.8	73.8	73.8	73.8	73.8	73.8
GE 2000	72.3	73.4	74.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3
GE 1800	72.7	73.8	74.6	75.1	75.8	75.8	75.8	75.8	75.8	75.8
GE 1500	73.1	74.2	75.1	75.6	77.6	77.6	77.6	77.6	77.7	77.8
GE 1200	74.4	75.8	76.6	77.2	78.6	78.6	78.6	78.6	78.7	78.7
GE 1000	75.0	77.0	78.6	79.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 900	76.4	77.6	79.0	79.5	80.9	81.0	81.2	81.2	81.4	81.4
GE 800	77.6	78.6	80.8	81.2	82.6	82.8	83.1	83.1	83.3	83.3
GE 700	77.8	79.1	80.8	82.0	83.4	83.8	84.1	84.1	84.3	84.3
GE 600	78.1	79.4	81.2	83.1	85.2	85.7	86.4	86.9	86.1	86.1
GE 500	78.1	79.6	81.7	84.0	87.0	87.5	87.9	[illegible]	[illegible]	[illegible]
GE 400	78.7	80.2	82.4	85.6	88.2	89.1	90.4	90.6	91.1	91.4
GE 300	78.7	80.2	82.7	85.6	89.0	90.3	91.6	92.4	93.6	93.6
GE 200	78.7	80.2	82.7	85.6	89.3	90.7	91.9	93.4	94.1	95.1
GE 100	78.7	80.2	82.7	85.6	89.3	90.7	91.9	93.3	94.1	95.1
GE 000	78.7	80.2	82.7	85.6	89.3	90.7	91.9	93.3	94.1	95.1

TOTAL NUMBER OF OBSERVATIONS 300

0 - 2 - 2

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: APR HOURS: 00-23

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.0	43.1	43.1	43.2	43.2	[illegible]	46.3
[illegible]	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.4
[illegible]	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.3
[illegible]	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.3
[illegible]	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.7
[illegible]	51.9	51.9	51.9	51.9	[illegible]	[illegible]	52.1	52.1	52.1	52.1	52.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.7	53.7	53.7	53.7	53.[illegible]
[illegible]	[illegible]	53.9	[illegible]	[illegible]	[illegible]	54.0	54.1	54.1	[illegible]	54.1	54.2
[illegible]	[illegible]	55.2	[illegible]	55.5	55.7	55.7	55.[illegible]	[illegible]	[illegible]	[illegible]	55.[illegible]
[illegible]	[illegible]	55.9	[illegible]	[illegible]	[illegible]	55.9	55.7	55.7	[illegible]	[illegible]	55.[illegible]
[illegible]	[illegible]	59.7	59.7	59.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.3	62.3	63.3	[illegible]	[illegible]	[illegible]	63.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.1	66.1	66.2	[illegible]	[illegible]	66.3
[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.7	69.7	69.7	69.7	69.[illegible]
[illegible]	72.5	72.[illegible]	72.[illegible]	72.3	72.5	72.5	72.7	72.7	72.7	72.7	72.[illegible]
[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.3	74.1	74.1	74.2	74.2	74.2	74.2	74.3
[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.3	75.[illegible]	75.[illegible]	75.7	75.7	75.7	75.7	75.[illegible]
[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.1	75.1	75.1	75.1	75.2
77.[illegible]	77.[illegible]	77.[illegible]	77.7	77.7	77.9	77.9	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	75.1
[illegible]	77.[illegible]	77.[illegible]	77.7	77.7	77.9	77.9	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	79.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.0
[illegible]	[illegible]	[illegible]	81.4	81.4	81.7	81.7	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.9
[illegible]	[illegible]	83.1	83.[illegible]	83.[illegible]	83.8	83.8	83.7	83.7	83.7	83.7	83.[illegible]
[illegible]	84.1	84.1	84.3	84.3	84.5	84.5	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.9
[illegible]	[illegible]	85.9	85.1	85.1	85.3	85.3	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	86.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.3	89.3	89.4	89.4	89.4	89.7
[illegible]	[illegible]	90.[illegible]	91.1	91.4	91.9	91.9	92.2	92.2	92.2	92.2	92.3
[illegible]	91.[illegible]	93.5	93.2	93.9	94.6	94.7	95.1	95.2	95.2	95.2	95.7
[illegible]	91.9	93.3	94.1	95.0	95.8	95.9	95.[illegible]	97.0	97.4	97.4	97.9
[illegible]	91.9	93.3	94.1	95.3	95.2	95.3	97.3	97.7	98.5	99.4	
[illegible]	91.9	93.3	94.1	95.3	95.2	95.3	97.3	97.9	98.[illegible]	100.0	

6

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]
[illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible] UNIT: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	43.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	49.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	43.7	[illegible]	[illegible]	44.7	[illegible]	[illegible]
GE 12000	49.7	[illegible]	[illegible]	50.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	51.1	[illegible]	[illegible]	52.2	52.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	53.1	53.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	71.1	71.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	72.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	73.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	71.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	71.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	73.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	73.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	81.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	74.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	74.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	74.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	74.3	76.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	74.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
IN HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: APR HOURS: 03-05

VISIBILITY IN STATUTE MILES										
1/2	[illegible]	1 1/2	2 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5
[illegible]	[illegible]	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.7
[illegible]	[illegible]	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.9
[illegible]	[illegible]	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7	49.9
[illegible]	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9	50.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.1
[illegible]	[illegible]	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.7
[illegible]	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.7
[illegible]	[illegible]	65.1	65.1	65.1	65.1	65.1	65.1	65.1	[illegible]	65.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.5
[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	[illegible]	68.2
[illegible]	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	[illegible]	70.4
[illegible]	71.	71.	71.	71.	71.	71.	71.	71.	71.	72.1
[illegible]	[illegible]	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.2
[illegible]	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.7
[illegible]	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9	75.0
[illegible]	[illegible]	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	76.5
[illegible]	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.	77.2	79.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.9	78.9	78.9	78.9	79.1	79.3
[illegible]	[illegible]	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.3	80.5
[illegible]	[illegible]	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.6	81.8
[illegible]	83.8	83.7	83.7	83.7	83.8	83.9	83.9	83.9	84.1	84.3
[illegible]	[illegible]	85.7	85.7	85.7	85.8	85.9	85.9	85.9	87.2	87.4
[illegible]	[illegible]	89.5	89.5	89.7	89.8	89.9	90.1	90.1	90.4	90.7
[illegible]	[illegible]	92.3	92.4	93.1	93.2	93.4	93.5	93.7	94.3	94.6
[illegible]	91.6	93.2	93.4	94.2	94.6	94.8	96.5	95.7	97.7	98.9
[illegible]	91.9	93.3	93.6	94.3	94.8	95.0	97.0	97.3	98.9	99.9
[illegible]	91.9	93.3	93.6	94.3	94.8	95.0	97.0	97.3	98.9	100.0

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
AND/OR VISIBILITIES

STATION NUMBER: [illegible] STATION NAME: [illegible]
EST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 300

[illegible] - 2 - 3

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: [illegible] HOURS: [illegible]

CEILING IN STATUTE MILES										
[illegible]	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	39.4	39.4	39.5	39.5	39.6	39.6	[illegible]	[illegible]	39.6
[illegible]	[illegible]	[illegible]	[illegible]	45.7	45.7	45.7	45.7	45.7	[illegible]	45.7
[illegible]	[illegible]	[illegible]	[illegible]	45.1	45.1	45.1	45.1	45.1	[illegible]	45.1
[illegible]	[illegible]	[illegible]	[illegible]	45.2	45.2	45.2	45.2	[illegible]	[illegible]	45.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.4	43.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.7	51.7	51.7	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	[illegible]	51.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.5	52.5	52.5	[illegible]	[illegible]	52.5
[illegible]	[illegible]	57.5	57.5	57.[illegible]	57.5	57.5	57.[illegible]	[illegible]	[illegible]	57.5
[illegible]	[illegible]	53.4	53.4	53.5	53.5	53.6	53.5	53.5	[illegible]	53.5
[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.3	51.3	51.3	51.3	51.3	51.3	51.3
[illegible]	[illegible]	[illegible]	[illegible]	54.1	54.1	54.1	54.1	54.1	54.1	54.1
[illegible]	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
[illegible]	[illegible]	[illegible]	[illegible]	57.3	57.3	57.3	57.3	57.3	[illegible]	57.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
[illegible]	[illegible]	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
[illegible]	[illegible]	[illegible]	[illegible]	73.1	73.1	73.1	73.1	73.1	73.1	73.1
[illegible]	[illegible]	[illegible]	[illegible]	73.3	73.3	73.3	73.3	[illegible]	[illegible]	73.3
[illegible]	[illegible]	73.2	[illegible]	74.1	74.1	74.1	74.1	74.1	74.2	74.2
[illegible]	[illegible]	75.7	[illegible]	75.9	75.9	75.9	75.9	75.9	[illegible]	75.9
[illegible]	77.[illegible]	77.[illegible]	77.1	77.3	77.5	77.5	77.4	77.[illegible]	77.7	77.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.4	78.4	78.[illegible]	78.7	[illegible]	78.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.5	81.5	81.7	81.[illegible]	[illegible]	82.5
[illegible]	81.3	81.3	[illegible]	[illegible]	82.9	82.9	[illegible]	[illegible]	83.5	83.6
[illegible]	[illegible]	[illegible]	84.4	85.2	85.4	[illegible]	85.9	86.1	[illegible]	86.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.6	89.6	[illegible]	[illegible]	[illegible]	89.4
[illegible]	[illegible]	[illegible]	[illegible]	92.2	92.4	92.4	93.[illegible]	93.3	[illegible]	93.4
[illegible]	[illegible]	91.2	92.1	93.7	93.9	93.9	94.7	[illegible]	[illegible]	95.2
[illegible]	[illegible]	[illegible]	93.2	95.1	95.4	95.9	97.[illegible]	97.3	95.5	98.9
[illegible]	[illegible]	92.9	93.2	95.1	95.9	96.1	97.9	98.1	99.1	100.0
[illegible]	[illegible]	[illegible]	[illegible]	95.1	95.9	96.1	97.[illegible]	98.1	99.1	100.0

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	43.4	[illegible]	[illegible]	[illegible]	43.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	44.[illegible]	[illegible]	[illegible]	44.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	45.2	45.2	45.3	45.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	45.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	71.7	[illegible]	72.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	74.2	[illegible]	[illegible]	[illegible]	[illegible]	74.1	74.1	[illegible]
GE 2000	73.	74.7	75.3	75.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	77.4	[illegible]	77.	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	78.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	91.3	93.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.1	[illegible]	97.1	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	91.4	[illegible]	94.1	[illegible]	97.1	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	91.4	[illegible]	[illegible]	[illegible]	97.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - [illegible]
MONTH: [illegible] HOURS: 09-11

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.3	[illegible]	[illegible]	[illegible]	[illegible]	44.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.3
[illegible]	[illegible]	45.3	46.3	42.3	45.3	[illegible]	[illegible]	46.3	[illegible]	45.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	74.1	74.1	74.2	74.2	74.2	74.2	[illegible]	[illegible]	74.2
[illegible]	75.1	[illegible]	[illegible]	75.4	75.4	[illegible]	75.4	[illegible]	[illegible]	76.4
[illegible]	[illegible]	[illegible]	[illegible]	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	81.1	81.1	81.2	81.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.3	[illegible]	[illegible]	[illegible]	83.3
[illegible]	[illegible]	84.7	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	87.4	87.4	87.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	89.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	90.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.1	93.1	93.1	93.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.1	98.1	98.1	[illegible]
[illegible]	[illegible]	[illegible]	97.1	[illegible]	99.3	99.3	98.7	98.7	98.7	99.0
[illegible]	94.1	95.4	97.1	98.5	99.3	[illegible]	99.7	99.7	[illegible]	100.0
[illegible]	94.1	95.4	97.1	98.5	99.3	99.3	99.7	99.7	[illegible]	100.0

[illegible] - [illegible] - 31

B

OPERATING LOCATION [illegible]
USAFETAC, [illegible]

STATION [illegible] : [illegible] STATION [illegible] : [illegible]

CEILING IN FEET [illegible] VISIBILITY IN STATUTE MILES [illegible]

NO CEIL [illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible] CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: APR HOURS: 12-14

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	[illegible]	1/4	0
[illegible]	[illegible]	35.0	35.0	35.0	35.0	35.0	35.0	35.0	[illegible]	37.0
[illegible]	[illegible]	43.0	[illegible]	43.0	43.0	43.0	43.0	[illegible]	43.0	43.0
[illegible]	[illegible]	43.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.0	[illegible]	43.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42.5
.7	[illegible]	45.7	[illegible]	45.7	[illegible]	45.7	45.7	[illegible]	[illegible]	45.7
[illegible]	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.3
[illegible]	[illegible]	[illegible]	54.0	54.0	54.0	54.2	[illegible]	54.2	[illegible]	54.3
.4	[illegible]	55.4	[illegible]	[illegible]	[illegible]	55.4	55.4	[illegible]	[illegible]	56.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	74.2	74.2	[illegible]	74.2	[illegible]	74.2	[illegible]	[illegible]	74.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	85.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible]	90.3	[illegible]	91.0	91.0	91.0	91.0	[illegible]	[illegible]	91.2
[illegible]	91.3	91.7	[illegible]	[illegible]	92.3	92.3	92.3	[illegible]	92.3	92.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.9
[illegible]	[illegible]	[illegible]	95.1	95.2	95.2	[illegible]	[illegible]	95.2	[illegible]	95.2
[illegible]	[illegible]	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.3
[illegible]	97.1	[illegible]	[illegible]	99.1	99.1	99.1	99.1	99.1	[illegible]	99.2
[illegible]	97.1	[illegible]	[illegible]	99.3	[illegible]	99.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.1	[illegible]	[illegible]	99.3	99.3	99.3	[illegible]	[illegible]	99.9	100.0
[illegible]	97.1	[illegible]	[illegible]	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FOR ALL OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST IN UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 15000	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	47.2	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	49.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000	51.9	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
GE 9000	52.4	53.3	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1
GE 8000	55.4	55.2	55.2	55.4	55.4	55.5	55.7	55.7	55.7	55.7
GE 7000	57.2	57.2	57.2	58.0	58.1	58.1	58.2	58.2	58.2	58.2
GE 6000	58.7	59.1	59.4	59.7	59.9	59.9	59.9	59.9	59.9	59.9
GE 5000	62.7	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4500	64.3	64.3	65.2	65.4	65.4	65.5	65.7	65.7	65.7	65.7
GE 4000	67.3	67.6	67.9	70.1	70.2	70.2	70.3	70.3	70.3	70.3
GE 3500	72.4	73.2	73.7	73.9	74.2	74.2	74.1	74.1	74.1	74.1
GE 3000	74.9	75.9	76.4	76.7	76.9	76.9	77.9	77.9	77.9	77.9
GE 2500	77.4	78.7	79.1	79.3	79.7	79.7	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 2000	80.9	81.3	81.5	82.1	82.4	82.4	82.7	82.7	82.7	82.7
GE 1800	82.2	81.5	82.1	82.4	83.1	82.9	83.1	83.2	83.2	83.[illegible]
GE 1500	82.4	83.1	84.2	84.[illegible]	85.1	85.1	85.3	85.3	85.3	85.3
GE 1200	86.6	86.9	86.9	86.9	86.9	86.9	87.7	87.9	87.9	87.9
GE 1000	88.9	89.4	89.4	87.9	88.6	89.[illegible]	89.[illegible]	89.[illegible]	89.1	89.1
GE 900	88.4	87.1	89.1	89.6	89.2	89.4	89.7	89.7	89.[illegible]	89.[illegible]
GE 800	88.9	87.7	89.3	89.3	90.2	90.3	90.5	90.5	90.7	90.7
GE 700	89.1	90.2	90.2	90.3	90.7	91.2	91.4	91.9	92.0	92.0
GE 600	89.9	89.7	90.2	91.0	92.0	92.7	93.2	93.4	94.[illegible]	94.[illegible]
GE 500	89.3	90.2	90.3	91.7	93.0	94.[illegible]	94.[illegible]	95.2	95.[illegible]	95.[illegible]
GE 400	87.2	89.7	91.3	92.4	93.7	94.9	95.4	97.3	97.[illegible]	97.[illegible]
GE 300	87.2	89.7	91.3	92.4	93.3	95.1	95.7	97.4	98.4	98.[illegible]
GE 200	87.2	89.7	91.3	92.4	93.3	95.1	95.7	97.9	98.9	99.0
GE 100	87.2	89.7	91.3	92.4	93.3	95.1	95.7	97.9	98.9	99.[illegible]
GE 000	87.2	89.7	91.3	92.4	93.3	95.1	95.7	97.9	98.9	99.0

TOTAL NUMBER OF OBSERVATIONS 90[illegible]

[illegible] - 3 - 83

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 88
MONTH: APR HOURS: 15-17

VISIBILITY IN STATUTE MILES										
1 1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
97.3	97.3	97.3	97.3	97.3	97.3	97.1	97.1	97.1	97.2	99.2
97.9	97.9	97.9	97.9	97.9	97.9	99.1	99.1	99.1	99.2	99.2
97.9	97.9	98.4	99.0	99.4	99.5	99.6	99.6	99.6	99.9	99.9
97.9	97.9	98.4	99.0	99.4	99.5	99.6	99.6	99.6	99.9	100.0
97.9	97.9	98.4	99.0	99.4	99.5	99.6	99.6	99.6	99.9	100.0

6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible] OF CEIL[illegible]
[illegible] HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	[illegible]
NO CEIL	41.2	41.4	41.7	41.[illegible]	41.8	41.9	41.[illegible]	41.[illegible]	41.[illegible]	41.9
GE 20000	47.1	47.5	47.[illegible]	47.9	47.9	47.9	47.9	47.[illegible]	47.[illegible]	47.9
GE 18000	47.4	47.7	48.1	48.2	48.2	48.[illegible]	48.[illegible]	48.[illegible]	48.[illegible]	48.[illegible]
GE 16000	47.4	47.7	48.1	48.2	48.2	48.[illegible]	48.[illegible]	48.[illegible]	48.[illegible]	48.[illegible]
GE 14000	47.[illegible]	48.2	48.4	48.5	48.5	48.[illegible]	48.[illegible]	48.[illegible]	48.[illegible]	48.5
GE 12000	49.3	49.[illegible]	49.[illegible]	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	51.7	52.1	52.[illegible]	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 9000	52.3	53.[illegible]	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 8000	53.[illegible]	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 7000	57.7	58.1	58.3	58.5	58.5	58.5	58.5	58.[illegible]	58.[illegible]	[illegible]
GE 6000	58.3	59.3	59.7	59.9	59.9	59.9	59.9	59.9	59.[illegible]	59.[illegible]
GE 5000	63.1	63.7	64.1	64.4	64.5	64.5	64.[illegible]	64.5	64.[illegible]	[illegible]
GE 4500	65.5	66.1	66.5	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 4000	69.[illegible]	69.1	70.1	70.6	70.7	70.8	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]
GE 3500	72.7	71.3	72.4	72.[illegible]	73.1	73.2	73.2	73.2	73.2	73.2
GE 3000	73.[illegible]	74.2	75.4	75.[illegible]	75.3	75.4	75.4	75.[illegible]	75.4	75.[illegible]
GE 2500	75.2	75.9	77.[illegible]	7[illegible].7	7[illegible].7	7[illegible].7	7[illegible]	7[illegible]	7[illegible]	7[illegible]
GE 2000	75.4	75.5	7[illegible].2	78.1	78.5	78.7	78.7	78.7	78.7	78.7
GE 1800	75.[illegible]	75.7	7[illegible].3	78.2	78.[illegible]	[illegible]	[illegible]	[illegible]	79.1	[illegible].1
GE 1500	77.[illegible]	77.4	79.9	[illegible]	81.7	[illegible]	[illegible]	81.1	[illegible]	[illegible]
GE 1200	78.2	78.2	81.4	82.4	83.4	[illegible]	[illegible]	[illegible]	84.1	[illegible].1
GE 1000	79.[illegible]	[illegible].4	82.7	83.7	84.8	85.2	[illegible]	85.3	[illegible]	[illegible]
GE 900	79.2	[illegible]	83.1	84.3	85.7	86.[illegible]	86.[illegible]	86.1	86.[illegible]	86.3
GE 800	79.4	81.4	84.9	86.2	86.[illegible]	87.2	87.4	87.4	87.[illegible]	87.[illegible]
GE 700	79.4	81.6	84.2	85.9	87.7	[illegible]	[illegible]	89.9	89.1	89.1
GE 600	79.[illegible]	81.6	84.6	86.4	88.3	89.2	89.[illegible]	90.1	90.[illegible]	90.[illegible]
GE 500	80.3	82.9	85.[illegible]	87.[illegible]	89.1	90.1	91.2	91.[illegible]	92.[illegible]	92.4
GE 400	81.1	83.9	86.2	88.3	91.0	92.1	93.3	94.5	95.1	95.3
GE 300	81.2	83.1	86.3	88.4	91.3	92.5	94.[illegible]	95.3	95.[illegible]	95.5
GE 200	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.7	96.3	97.2
GE 100	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.[illegible]	96.4	97.3
GE 000	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.[illegible]	96.4	97.3

TOTAL NUMBER OF OBSERVATIONS 900

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: APR HOURS: 18-20

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
[illegible]	[illegible]	[illegible]	48.6	48.6	48.6	48.6	48.6	48.6	48.6
49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58.5	58.5	[illegible]	[illegible]	[illegible]
59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
[illegible]	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
[illegible]	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
[illegible]	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
[illegible]	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
[illegible]	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
[illegible]	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
[illegible]	90.1	[illegible]	90.6	90.6	90.6	90.6	90.6	90.6	90.6
91.4	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
93.5	94.6	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6
94.1	95.3	95.9	96.6	96.9	96.9	97.0	97.0	97.0	97.0
94.1	95.7	96.3	97.2	97.8	97.8	98.0	98.2	98.8	99.0
94.1	95.9	96.4	97.3	97.9	97.9	98.3	98.5	99.7	99.9
94.1	95.9	96.4	97.3	97.9	97.9	98.3	98.5	99.7	100.0

b

OPERATING LOCATION WAW
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY COMBINATIONS

STATION NUMBER: 723065 STATION NAME: PEASE AFB NH PERIOD OF RECORD: [illegible]
LST TO UTC: + 5 MONTH: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	3	4	3	2 1/2	2	1 1/2	1 1/4	1	[illegible]
NO CEIL	45.1	45.5	45.3	45.3	45.5	45.5	45.5	45.5	45.7	45.7	[illegible]
GE 20000	49.7	49.1	49.9	49.9	50.1	50.1	50.1	50.1	[illegible]	[illegible]	[illegible]
GE 15000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	50.4	[illegible]	[illegible]	[illegible]
GE 10000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	50.4	[illegible]	[illegible]	[illegible]
GE 12000	49.5	50.0	50.5	50.5	51.0	51.0	51.0	51.0	51.1	51.1	[illegible]
GE 10000	51.5	52.0	53.0	53.0	53.2	53.2	53.2	53.2	53.5	53.5	[illegible]
GE 9000	51.9	52.3	53.3	53.3	53.6	53.6	53.6	53.6	53.7	53.7	[illegible]
GE 8000	55.0	55.4	55.4	55.4	55.7	55.7	55.7	55.7	[illegible]	[illegible]	[illegible]
GE 7000	57.3	57.3	58.2	58.2	59.0	59.0	59.0	59.0	59.1	59.1	[illegible]
GE 6000	58.1	[illegible]	59.1	59.7	60.3	60.3	60.3	60.3	[illegible]	[illegible]	[illegible]
GE 5000	61.1	62.2	62.3	63.4	63.7	63.7	63.7	63.7	[illegible]	[illegible]	[illegible]
GE 4500	57.4	60.1	67.1	67.5	67.5	67.5	67.5	67.5	67.7	67.7	[illegible]
GE 4000	67.1	67.5	68.5	69.1	69.4	69.4	69.4	69.4	[illegible]	[illegible]	[illegible]
GE 3500	68.5	68.5	70.7	70.4	71.4	71.3	71.3	71.3	71.4	71.5	[illegible]
GE 3000	71.5	72.1	73.3	73.[illegible]	74.3	74.1	74.1	74.1	74.2	74.3	[illegible]
GE 2500	72.1	73.4	74.2	75.1	75.5	75.7	75.7	75.7	[illegible]	75.[illegible]	[illegible]
GE 2000	73.3	73.3	75.7	77.3	77.4	77.5	77.5	77.5	77.7	77.7	[illegible]
GE 1500	74.1	75.5	76.3	77.2	77.7	77.[illegible]	77.[illegible]	77.3	77.[illegible]	77.3	[illegible]
GE 1500	75.3	77.2	78.[illegible]	79.1	79.7	79.8	79.8	79.8	79.8	79.9	[illegible]
GE 1200	76.5	77.9	79.5	80.8	80.9	81.0	81.0	81.0	81.1	81.1	[illegible]
GE 1000	77.1	78.4	80.3	81.2	81.9	82.0	82.0	82.0	82.0	82.0	[illegible]
GE 900	77.7	79.1	81.0	82.0	82.5	83.0	83.2	83.2	83.2	83.2	[illegible]
GE 800	78.1	79.8	81.7	83.7	83.6	83.8	83.[illegible]	83.9	84.0	84.0	[illegible]
GE 700	78.4	80.1	82.2	83.4	84.4	84.9	85.0	85.1	85.3	85.3	[illegible]
GE 600	78.7	80.5	83.2	85.[illegible]	87.0	87.6	87.7	87.4	[illegible]	[illegible]	[illegible]
GE 500	78.9	80.7	83.5	85.9	87.9	88.7	88.7	89.0	89.2	89.2	[illegible]
GE 400	79.5	81.4	84.1	86.9	89.5	90.7	92.1	92.4	92.7	92.9	[illegible]
GE 300	79.7	81.6	84.3	87.1	90.0	91.1	92.9	93.4	93.[illegible]	94.2	[illegible]
GE 200	79.7	81.6	84.3	87.1	90.1	91.7	93.4	94.6	95.1	95.[illegible]	[illegible]
GE 100	79.7	81.6	84.3	87.1	90.1	91.7	93.4	94.7	95.2	96.1	[illegible]
GE 000	79.7	81.6	84.3	87.1	90.1	91.7	93.4	94.7	95.2	96.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] - 2 - 85

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 77
MONTH: APR HOURS: 21-23

VISIBILITY IN STATUTE MILES

2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7
[illegible]	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
[illegible]	50.4	50.4	50.5	50.5	50.5	50.4	50.5	50.5	50.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.5	[illegible]	[illegible]	50.5
[illegible]	[illegible]	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
1.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
[illegible]	[illegible]	53.2	[illegible]	[illegible]	53.3	53.3	53.3	[illegible]	53.3
[illegible]	[illegible]	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.2	[illegible]	[illegible]	55.5
[illegible]	[illegible]	59.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.0
[illegible]	63.7	[illegible]	[illegible]	[illegible]	[illegible]	63.5	63.5	[illegible]	63.5
[illegible]	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
[illegible]	[illegible]	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.5
77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
77.[illegible]	77.[illegible]	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
78.[illegible]	78.[illegible]	78.[illegible]	78.9	78.9	78.9	78.9	78.9	78.9	78.9
81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible]	[illegible]	[illegible]	82.2	82.2	82.2	82.2	82.2	82.2	82.2
[illegible]	[illegible]	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
[illegible]	83.[illegible]	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
[illegible]	[illegible]	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
87.[illegible]	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
[illegible]	[illegible]	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3
[illegible]	92.1	92.4	92.7	92.9	93.1	93.1	93.2	93.2	93.2
93.1	93.3	93.4	93.[illegible]	94.3	94.6	94.6	94.7	94.7	94.7
95.7	95.4	94.6	95.1	95.2	95.7	95.9	97.6	97.3	97.3
95.7	95.4	94.7	95.2	95.1	95.9	97.0	97.[illegible]	97.2	99.4
95.7	95.4	94.7	95.2	95.1	95.9	97.0	97.[illegible]	98.4	100.0

5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FOR MONTHLY OBSERVATIONS

STATION NUMBER: 726035 STATION NAME: PLAGE AFB NV
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	41.2	41.4	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 20000	46.4	46.8	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2
GE 15000	46.2	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 14000	46.2	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 13000	47.1	47.5	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9
GE 12000	48.5	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	50.5	51.0	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5
GE 9000	51.2	51.5	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 8000	54.7	55.4	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	55.5	57.2	57.5	57.7	57.8	57.9	57.9	57.9	57.9	57.9
GE 6000	57.9	58.8	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000	61.1	61.8	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6
GE 4500	63.5	64.3	64.9	65.1	65.3	65.3	65.3	65.3	65.4	65.4
GE 4000	65.8	66.6	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	68.2	69.0	69.6	70.1	70.4	70.5	70.5	70.5	70.5	70.5
GE 3000	70.9	71.8	72.7	73.1	73.4	73.5	73.5	73.5	73.5	73.5
GE 2500	72.2	73.3	74.3	74.7	75.2	75.2	75.3	75.3	75.3	75.3
GE 2000	73.5	74.8	75.9	76.4	76.9	76.9	77.0	77.0	77.0	77.1
GE 1800	74.5	75.2	76.4	76.9	77.3	77.4	77.5	77.5	77.5	77.6
GE 1500	75.4	76.7	77.9	78.5	79.1	79.2	79.3	79.3	79.4	79.4
GE 1200	76.5	77.1	79.5	80.2	80.9	81.0	81.0	81.1	81.2	81.3
GE 1000	77.9	79.8	80.9	81.8	82.5	82.7	82.9	83.0	83.1	83.2
GE 900	78.4	79.9	81.5	82.4	83.4	83.6	83.8	83.8	84.0	84.1
GE 800	79.2	80.7	82.7	83.6	84.7	85.0	85.3	85.4	85.5	85.7
GE 700	79.4	81.1	83.1	84.3	85.5	85.9	86.3	86.7	86.9	87.0
GE 600	79.9	81.5	83.9	85.5	87.2	87.9	88.2	88.8	89.0	89.1
GE 500	80.2	82.0	84.5	86.4	88.4	89.3	90.1	91.0	91.3	91.5
GE 400	80.5	82.5	85.3	87.4	89.9	91.0	92.2	93.4	93.9	94.5
GE 300	80.5	82.6	85.5	87.6	90.4	91.5	93.2	94.5	95.2	95.4
GE 200	80.5	82.6	85.5	87.7	90.5	92.0	93.4	95.1	95.3	95.6
GE 100	80.5	82.6	85.5	87.7	90.5	92.0	93.4	95.2	95.9	96.1
GE 000	80.5	82.6	85.5	87.7	90.5	92.0	93.4	95.2	95.9	96.1

TOTAL NUMBER OF OBSERVATIONS 7200

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN
MONTHS: APR HOURS: ALL

CEILING IN STATUTE MILES										
1/4	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0
47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.7	47.7
47.5	47.5	47.5	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7
47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.7
52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	58.0
58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
57.2	57.2	57.2	57.4	58.3	58.3	58.3	58.3	58.3	58.3	58.1
72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4
77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7
72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
81.0	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2
85.3	85.3	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.9	85.9
86.6	86.6	86.7	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.3
88.8	88.8	88.8	88.9	89.0	89.3	89.3	89.4	89.4	89.4	89.5
91.0	91.1	91.0	91.3	91.5	91.7	91.7	91.8	91.8	91.9	91.9
93.0	93.2	93.4	93.9	94.3	94.5	94.5	94.7	94.7	94.8	94.8
94.0	94.3	94.6	95.2	95.4	96.3	96.3	96.6	96.6	96.8	96.9
92.6	92.4	92.1	95.3	95.5	97.3	97.4	98.2	98.3	98.7	98.9
93.5	93.4	95.2	95.9	96.4	97.5	97.6	98.4	98.6	99.3	99.4
93.5	93.4	95.2	95.9	96.4	97.5	97.6	98.4	98.7	99.3	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible]

STATION NUMBER: 723255 STATION NAME: [illegible]
LST TO UTC: +5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	49.7	50.0	50.4	50.5	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	52.5	52.4	53.2	53.3	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	52.5	52.7	53.4	53.5	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	52.5	52.7	53.4	53.5	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	52.5	52.7	53.4	53.5	54.2	54.2	54.2	54.2	54.2	54.2
GE 12000	54.2	54.5	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	57.5	57.8	58.5	58.5	59.2	59.2	59.2	59.2	59.2	59.2
GE 9000	58.1	58.4	59.1	59.3	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	61.7	62.0	62.6	62.7	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	63.5	63.8	64.5	64.6	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000	65.5	65.8	66.5	66.7	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	67.2	67.5	68.3	68.5	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	69.4	69.7	70.5	70.7	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	70.	71.2	72.2	72.5	73.2	73.2	73.2	73.2	73.2	73.
GE 3500	72.7	73.1	74.3	74.5	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	74.1	74.5	75.3	75.5	77.1	77.1	77.1	77.1	77.1	77.1
GE 2500	75.2	75.7	77.0	77.5	77.2	77.3	77.3	77.3	77.3	77.3
GE 2000	75.4	75.9	77.2	77.7	77.5	77.5	77.5	77.5	77.5	77.5
GE 1800	75.4	75.1	77.4	77.9	75.7	75.7	77.7	75.7	75.7	75.
GE 1500	75.7	75.2	77.5	78.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 1200	75.9	76.3	78.0	79.5	79.2	79.2	79.2	79.2	79.2	79.4
GE 1000	76.3	76.9	78.6	79.9	80.2	80.2	80.2	80.2	80.2	80.4
GE 900	77.1	77.5	79.5	80.1	81.1	81.1	81.1	81.2	81.2	81.5
GE 800	77.3	77.8	79.7	80.5	81.7	81.7	81.7	81.	81.	81.9
GE 700	77.	78.2	80.3	81.3	82.7	82.8	82.9	83.0	83.2	83.1
GE 600	77.5	78.1	81.5	82.5	84.1	84.3	84.4	84.5	84.4	84.7
GE 500	79.5	79.9	82.5	83.8	85.1	85.4	85.9	85.1	85.2	85.5
GE 400	79.9	80.0	83.9	84.2	85.2	85.5	87.5	87.7	87.9	88.9
GE 300	79.4	80.1	83.5	85.9	88.4	89.9	90.9	92.4	92.5	91.4
GE 200	79.4	80.1	83.5	86.0	88.7	89.9	91.3	92.4	92.7	93.9
GE 100	79.4	80.1	83.5	86.0	88.7	89.9	91.3	92.4	93.9	94.5
GE 000	79.4	80.1	83.5	86.0	88.7	89.9	91.3	92.4	93.9	94.5

TOTAL NUMBER OF OBSERVATIONS 930

0 - 2 - 47

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: MAY HOURS: 00-02

VISIBILITY IN STATUTE MILES										
1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.5
[illegible]	[illegible]	54.0	54.2	54.0	54.0	54.2	54.3	54.3	54.1	54.3
[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
[illegible]	[illegible]	55.[illegible]	55.[illegible]	55.3	55.3	55.3	55.3	55.[illegible]	55.5	56.1
[illegible]	[illegible]	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.6
[illegible]	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	60.0
[illegible]	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.7
[illegible]	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.6
67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.4
[illegible]	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.7
[illegible]	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.9
[illegible]	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.[illegible]
[illegible]	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.7
77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.4
[illegible]	[illegible]	78.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	78.6	78.6	[illegible]	[illegible]	[illegible]	78.7	78.9
[illegible]	[illegible]	78.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.1
[illegible]	[illegible]	[illegible]	[illegible]	79.2	79.2	79.2	79.2	[illegible]	[illegible]	79.2
[illegible]	[illegible]	79.3	79.3	79.4	79.4	79.4	79.4	[illegible]	[illegible]	79.7
[illegible]	[illegible]	[illegible]	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.5
81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.6
81.7	81.7	81.[illegible]	81.[illegible]	81.9	81.9	81.9	81.9	81.9	82.0	82.3
[illegible]	83.2	83.0	83.2	83.1	83.1	83.1	83.1	83.1	83.2	83.4
[illegible]	[illegible]	84.[illegible]	84.[illegible]	84.7	84.7	84.7	84.7	84.7	84.8	85.1
[illegible]	[illegible]	85.1	85.3	85.[illegible]	85.5	85.5	85.6	85.[illegible]	85.7	86.0
[illegible]	87.[illegible]	87.7	88.[illegible]	88.2	88.2	88.2	88.[illegible]	88.[illegible]	88.4	88.6
[illegible]	90.[illegible]	90.4	90.5	91.4	91.5	91.5	91.5	91.5	91.[illegible]	92.3
[illegible]	91.[illegible]	92.2	92.7	93.9	94.3	94.3	95.[illegible]	95.[illegible]	95.1	96.7
[illegible]	91.5	92.4	93.0	94.5	95.6	95.5	95.3	95.5	97.3	99.7
[illegible]	91.3	92.4	93.0	94.5	95.6	95.6	96.3	96.5	97.3	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY HOUR AND CEILING
FOR ALL DAYS OF OBSERVATION

STATION NUMBER: 723065 STATION NAME: [illegible]
LST IN HRS: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	42.9	44.[illegible]	45.1	45.[illegible]	46.7	46.9	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]
GE 20000	47.1	49.3	49.7	50.3	51.5	51.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	47.3	49.9	49.9	50.[illegible]	51.7	51.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	47.3	49.9	49.9	50.5	51.7	51.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	47.5	[illegible]	50.2	50.[illegible]	52.0	52.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	49.4	49.5	51.[illegible]	51.[illegible]	52.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	51.3	52.5	52.9	54.[illegible]	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	51.7	52.9	54.3	54.9	55.2	[illegible]	[illegible]	[illegible]	[illegible]	57.1
GE 8000	55.1	57.8	58.[illegible]	59.[illegible]	60.9	61.1	61.[illegible]	61.[illegible]	61.7	61.
GE 7000	53.1	59.2	59.[illegible]	61.5	62.[illegible]	63.0	63.4	63.4	63.7	63.
GE 6000	58.7	60.9	61.4	62.9	63.4	63.7	64.1	64.1	64.9	64.[illegible]
GE 5000	61.3	63.1	64.7	65.9	65.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.7
GE 4500	63.1	64.5	65.1	66.9	68.5	[illegible]	[illegible]	[illegible]	69.1	[illegible]
GE 4000	64.3	65.7	68.5	69.9	70.9	71.2	71.[illegible]	71.7	71.9	72.3
GE 3500	67.5	[illegible].7	70.[illegible]	71.[illegible]	72.9	73.2	73.7	73.[illegible]	74.[illegible]	74.1
GE 3000	69.9	70.5	72.[illegible]	73.[illegible]	74.9	75.3	75.7	75.[illegible]	75.1	75.[illegible]
GE 2500	69.[illegible]	71.9	73.3	74.4	75.9	75.9	76.7	76.[illegible]	77.1	77.9
GE 2000	70.9	71.9	73.9	74.9	75.5	76.[illegible]	77.1	77.3	77.[illegible]	77.9
GE 1500	70.9	72.9	73.9	74.9	75.5	76.9	77.3	77.4	77.7	77.[illegible]
GE 1000	70.9	72.[illegible]	74.4	75.[illegible]	77.1	77.4	77.[illegible]	77.[illegible]	77.9	77.[illegible]
GE 1200	71.9	73.2	75.1	75.9	77.9	77.9	77.7	77.[illegible]	79.1	79.[illegible]
GE 1000	72.2	73.9	75.7	76.9	78.7	78.[illegible]	79.[illegible]	79.[illegible]	79.9	79.[illegible]
GE 900	72.5	74.3	75.1	77.5	79.1	79.5	79.9	80.2	80.3	[illegible]
GE 800	72.5	74.5	75.3	77.[illegible]	79.4	79.7	[illegible]	80.2	[illegible]	[illegible]
GE 700	73.5	74.7	75.7	78.1	80.9	80.3	80.7	81.1	81.4	81.5
GE 600	73.9	75.5	77.[illegible]	79.9	81.4	81.7	82.3	82.5	82.[illegible]	83.3
GE 500	74.1	75.7	78.[illegible]	80.9	82.5	82.9	83.9	84.2	84.7	85.1
GE 400	74.1	76.9	79.[illegible]	80.2	83.4	83.9	85.5	85.9	85.5	86.7
GE 300	74.1	76.9	79.1	81.3	85.5	86.2	87.3	88.9	89.9	90.4
GE 200	74.1	76.9	79.1	81.3	85.7	86.5	88.4	90.1	91.1	92.5
GE 100	74.1	76.9	79.1	81.3	85.7	86.5	[illegible].4	90.1	91.1	92.5
GE 000	74.1	76.9	79.1	81.3	85.7	86.5	[illegible].4	90.1	91.1	92.5

TOTAL NUMBER OF OBSERVATIONS 930

1 - 3 - 3

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: MAY HOURS: 03-05

VISIBILITY IN STATUTE MILES

1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	47.4	[illegible]	[illegible]	47.7	47.7	47.7	[illegible]	48.1
.7	[illegible]	[illegible]	52.3	52.4	[illegible]	52.6	[illegible]	[illegible]	[illegible]	52.9
[illegible]	[illegible]	52.3	[illegible]	[illegible]	52.7	[illegible]	[illegible]	[illegible]	[illegible]	53.1
[illegible]	[illegible]	52.3	[illegible]	[illegible]	52.7	52.8	[illegible]	[illegible]	[illegible]	53.1
[illegible]	[illegible]	52.5	[illegible]	[illegible]	53.0	53.1	53.1	53.1	53.2	53.4
[illegible]	[illegible]	[illegible]	[illegible]	53.7	[illegible]	53.9	53.9	53.9	54.0	54.2
[illegible]	[illegible]	[illegible]	[illegible]	56.7	[illegible]	56.8	56.9	[illegible]	57.0	57.2
[illegible]	[illegible]	[illegible]	57.0	57.1	57.2	57.3	57.3	[illegible]	57.4	57.5
.1	[illegible]	[illegible]	61.7	[illegible]	61.9	[illegible]	62.0	62.0	62.1	62.5
[illegible]	63.5	63.4	63.7	[illegible]	63.9	64.0	64.0	64.0	64.2	64.4
.7	[illegible]	64.1	[illegible]	64.4	[illegible]	[illegible]	64.6	[illegible]	[illegible]	65.1
[illegible]	[illegible]	67.4	[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.4
[illegible]	[illegible]	[illegible]	69.1	[illegible]	69.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71.7	71.9	72.0	72.2	72.5	72.8	[illegible]	[illegible]	72.7
[illegible]	73.7	[illegible]	[illegible]	74.1	74.2	74.3	[illegible]	[illegible]	[illegible]	74.7
.3	[illegible]	[illegible]	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.7	[illegible]
[illegible]	[illegible]	[illegible]	77.1	[illegible]	77.3	77.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	77.1	77.3	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.4
[illegible]	77.3	77.4	77.7	[illegible]	[illegible]	78.1	78.1	78.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	79.1	[illegible]	79.4	79.5	[illegible]	[illegible]	79.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.1	80.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	80.2	[illegible]	[illegible]	80.5	[illegible]	[illegible]	[illegible]	[illegible]	81.1
.7	[illegible]	[illegible]	[illegible]	[illegible]	80.8	[illegible]	[illegible]	[illegible]	81.1	81.3
[illegible]	[illegible]	81.1	81.4	81.5	81.6	81.7	81.7	81.7	[illegible]	82.2
.7	[illegible]	[illegible]	[illegible]	83.0	83.1	83.2	83.2	[illegible]	83.4	83.7
[illegible]	[illegible]	84.2	84.7	85.1	85.2	85.3	[illegible]	[illegible]	[illegible]	85.7
[illegible]	[illegible]	[illegible]	85.5	85.7	[illegible]	86.0	[illegible]	[illegible]	87.1	87.4
[illegible]	[illegible]	89.0	90.0	90.4	90.9	91.0	91.1	91.1	91.3	91.6
[illegible]	[illegible]	90.1	91.1	92.4	93.2	93.4	[illegible]	94.7	95.4	96.1
[illegible]	[illegible]	90.1	91.1	92.6	94.2	[illegible]	95.2	95.3	[illegible]	99.5
[illegible]	[illegible]	90.1	91.1	92.6	94.2	[illegible]	96.2	96.3	[illegible]	100.0

OPERATING LOCATION [illegible]
[illegible]

STATION [illegible]
[illegible]

CEILING IN FEET	7	[illegible]	[illegible]	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	44.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.	44.
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	51.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	51.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	51.3	51.5	51.7	51.7	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	57.4	57.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	53.4	54.1	54.2	54.2	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	71.1	[illegible]	[illegible]	72.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	74.2	74.1	74.2	[illegible]	74.3	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	75.7	[illegible]	77.1	77.1	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	77.7	77.	77.	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	75.1	[illegible]	78.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	73.1	[illegible]	[illegible]	77.7	79.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	77.1	[illegible]	79.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.1	81.1	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	81.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	75.7	75.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.1	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	83.7	[illegible]	[illegible]	[illegible]	87.1	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	81.7	84.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	81.7	84.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

A

B

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: MAY HOURS: 05-06

CEILING IN STATUTE MILES	VISIBILITY IN STATUTE MILES									
	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
[illegible]	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4
[illegible]	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.7	51.7
[illegible]	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
1.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2
[illegible]	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
[illegible]	[illegible]	53.2	53.3	53.3	53.3	53.3	53.3	[illegible]	[illegible]	53.4
.7	[illegible]	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.1	53.1
[illegible]	[illegible]	52.9	52.9	52.9	52.9	52.9	52.9	52.9	[illegible]	53.0
[illegible]	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.2	54.5
[illegible]	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
.7	[illegible]	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
[illegible]	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5
[illegible]	73.7	73.9	73.9	73.8	73.8	73.8	73.8	73.8	73.1	73.1
[illegible]	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
77.	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
.7	77.7	77.8	77.8	79.0	79.0	79.0	79.0	79.0	79.1	79.1
[illegible]	[illegible]	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4
[illegible]	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
[illegible]	79.3	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
[illegible]	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
[illegible]	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2
[illegible]	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
[illegible]	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
[illegible]	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5
[illegible]	[illegible]	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
[illegible]	[illegible]	89.2	89.4	89.7	89.8	89.8	89.8	89.8	89.9	89.9
[illegible]	90.1	92.7	92.9	93.7	94.1	94.3	94.4	94.5	94.6	94.8
[illegible]	91.2	92.5	93.7	94.3	95.2	95.6	97.0	97.2	97.5	98.1
[illegible]	91.2	92.5	93.8	94.9	95.2	95.5	97.3	97.8	98.7	99.9
[illegible]	91.2	92.5	93.8	94.9	95.2	95.5	97.3	97.8	98.7	100.0

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
USAFETAC, ASHEVILLE, NC FROM HOURLY OBSERVATIONS

STATION NO: [illegible] STATION NAME: [illegible] PERIOD
LST TO UTC: + 5 YEARS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 15000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 10000	57.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 9000	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 8000	62.5	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	63.8	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	64.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	67.0	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	68.1	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	71.4	72.0	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7
GE 3500	73.1	73.8	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4
GE 3000	75.4	76.3	76.1	76.8	76.9	77.0	77.0	77.0	77.0	77.0
GE 2500	76.5	76.7	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4
GE 2000	77.2	77.2	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1
GE 1800	77.5	78.5	79.5	79.5	79.7	79.8	79.8	79.9	79.9	79.9
GE 1500	79.4	80.5	80.4	80.4	80.5	80.6	80.6	80.9	80.9	81.0
GE 1200	79.8	80.8	81.0	81.0	81.2	81.4	81.5	81.5	81.5	81.7
GE 1000	80.0	81.4	82.5	82.7	83.2	83.4	83.5	83.7	83.7	83.8
GE 900	80.5	82.0	83.1	83.3	83.9	84.2	84.3	84.4	84.4	84.5
GE 800	81.0	83.0	84.4	84.7	85.5	85.2	85.3	85.5	85.5	85.6
GE 700	82.0	84.3	85.2	85.5	87.5	88.0	88.1	88.2	88.2	88.3
GE 600	82.0	84.9	86.5	87.5	89.6	90.2	91.4	93.5	93.5	93.5
GE 500	82.9	85.4	87.4	88.9	90.9	91.5	92.9	93.2	93.3	93.4
GE 400	82.9	85.4	87.6	89.2	91.5	92.3	93.1	94.6	94.7	95.1
GE 300	83.0	85.5	87.3	89.6	92.5	93.4	94.5	96.9	97.5	97.5
GE 200	83.0	85.5	87.3	89.6	92.5	93.7	94.3	97.4	98.1	98.5
GE 100	83.0	85.5	87.3	89.6	92.5	93.7	94.3	97.4	98.1	98.5
GE 000	83.0	85.5	87.3	89.6	92.5	93.7	94.3	97.4	98.1	98.5

TOTAL NUMBER OF OBSERVATIONS 930

9 - 2 - 80

A

THE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 84
MONTH: MAY HOURS: 09-11

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
[illegible]	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
[illegible]	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
[illegible]	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
[illegible]	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
[illegible]	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58.4
[illegible]	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
[illegible]	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
[illegible]	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
[illegible]	[illegible]	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
[illegible]	[illegible]	83.7	83.7	[illegible]	83.8	83.8	83.8	83.8	83.8	83.8	83.8
84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
[illegible]	[illegible]	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
[illegible]	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
91.8	92.8	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
93.3	93.1	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
96.4	96.5	96.9	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0
98.7	98.8	97.4	98.1	98.6	99.2	99.2	99.6	99.6	99.6	99.7	99.7
98.7	98.8	97.4	98.1	98.6	99.2	99.2	99.6	99.7	99.8	100.0	100.0
98.7	98.8	97.4	98.1	98.6	99.2	99.2	99.6	99.7	99.8	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PERIOD
YEARS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 20000	51.7	51.4	51.3	51.3	51.9	51.9	51.2	51.9	51.9	51.9
GE 18000	52.4	52.5	52.5	52.5	52.6	52.6	52.5	52.5	52.6	52.6
GE 15000	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
GE 10000	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
GE 7000	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	73.9	74.0	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	76.7	76.8	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	77.1	77.4	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0
GE 2500	80.4	80.4	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	81.5	81.9	82.7	83.1	83.2	83.3	83.3	83.3	83.3	83.3
GE 1800	81.5	82.0	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4
GE 1500	82.3	82.7	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1
GE 1200	82.5	83.0	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8
GE 1000	83.2	83.9	85.1	85.7	85.1	85.5	85.5	85.5	85.5	85.5
GE 900	84.3	84.5	85.3	85.5	86.3	87.1	87.3	87.3	87.3	87.3
GE 800	85.4	85.9	87.4	88.7	89.4	89.6	89.8	89.9	89.9	89.9
GE 700	85.7	86.4	88.5	89.5	90.2	90.5	90.6	90.9	90.9	90.9
GE 600	86.2	87.4	89.5	90.5	91.9	92.3	92.5	92.6	92.5	92.6
GE 500	86.7	88.3	90.5	91.7	93.6	92.9	94.5	94.4	94.6	94.5
GE 400	86.7	88.5	91.4	92.9	94.5	95.5	96.3	96.7	97.0	97.0
GE 300	86.7	88.7	91.8	93.5	95.4	96.5	97.5	98.3	98.5	98.5
GE 200	86.7	88.7	91.8	93.5	95.5	96.7	97.2	98.7	98.9	99.7
GE 100	86.7	88.7	91.8	93.5	95.5	96.7	97.2	98.7	99.5	99.7
GE 000	86.7	88.7	91.8	93.5	95.5	96.7	97.5	98.7	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 930

A

PERCENT FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUL [illegible]
MONTH: MAY HOURS: 12-14

VISIBILITY IN STATUTE MILES										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
[illegible]	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
[illegible]	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
[illegible]	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
[illegible]	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
[illegible]	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
[illegible]	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
[illegible]	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
[illegible]	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
[illegible]	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
[illegible]	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
[illegible]	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
[illegible]	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
[illegible]	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
[illegible]	[illegible]	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
[illegible]	[illegible]	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	[illegible]	89.3	89.3	89.3	89.4	89.4	89.9	89.9	89.9	89.9
[illegible]	[illegible]	90.4	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9
[illegible]	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	[illegible]	94.4	94.5	94.5	94.5	94.6	94.7	94.7	94.7	94.7
[illegible]	96.3	96.7	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2
[illegible]	97.6	98.3	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0
96.7	97.2	98.7	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
96.7	97.3	98.7	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	97.3	98.7	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726065 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 YEARS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	40.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 18000	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 14000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 9000	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 8000	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 7000	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	66.2	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	69.4	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	70.8	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	79.0	79.6	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2
GE 2500	80.1	80.6	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3
GE 2000	80.4	81.2	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.5
GE 1800	80.4	81.3	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.6
GE 1500	81.6	82.3	83.4	83.5	83.8	84.0	84.1	84.1	84.1	84.1
GE 1200	82.5	83.1	84.6	84.8	85.2	85.3	85.4	85.4	85.4	85.4
GE 1000	83.4	84.1	85.5	85.8	86.6	86.7	86.8	86.8	86.8	86.8
GE 900	83.9	84.5	86.3	86.6	87.3	87.4	87.5	87.5	87.5	87.5
GE 800	84.1	85.5	87.5	88.0	88.6	88.7	88.8	88.8	88.8	88.8
GE 700	85.4	86.2	88.4	89.9	89.7	89.8	90.0	90.0	90.0	90.1
GE 600	85.7	86.1	89.1	90.0	90.9	91.0	91.2	91.3	91.3	91.4
GE 500	86.1	87.3	89.9	91.0	92.0	92.4	92.7	92.9	92.9	93.0
GE 400	86.3	87.6	90.4	91.7	93.4	93.9	94.5	95.2	95.2	95.4
GE 300	86.3	87.6	90.4	91.7	94.0	94.4	95.5	97.0	97.0	97.4
GE 200	86.3	87.6	90.4	91.9	94.1	94.6	95.7	97.3	97.3	97.3
GE 100	86.3	87.6	90.4	91.9	94.1	94.6	95.7	97.3	97.3	97.1
GE 000	86.3	87.6	90.4	91.9	94.1	94.6	95.7	97.3	97.3	97.1

TOTAL NUMBER OF OBSERVATIONS 930

0 - 2 - 42

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: MAY HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1 1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
[illegible]	[illegible]	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
[illegible]	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
[illegible]	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
[illegible]	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
[illegible]	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
[illegible]	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
[illegible]	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
[illegible]	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
[illegible]	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
[illegible]	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
[illegible]	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
[illegible]	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
[illegible]	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
[illegible]	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
[illegible]	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
[illegible]	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
[illegible]	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
[illegible]	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
[illegible]	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
[illegible]	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
[illegible]	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
[illegible]	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
[illegible]	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
[illegible]	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
[illegible]	94.8	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
[illegible]	95.9	97.0	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8
[illegible]	95.7	97.3	97.3	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	95.7	97.3	97.3	98.1	99.0	99.1	99.3	99.3	100.0	100.0	100.0
[illegible]	95.7	97.3	97.3	98.1	99.0	99.1	99.3	99.3	100.0	100.0	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THE COMBINED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: DEAS AFB NM
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	34.1	35.3	35.3	35.4	33.4	35.4	33.4	38.4	3[illegible]	3[illegible]
GE 20000	45.1	[illegible]	45.2	45.5	45.5	45.7	45.5	45.7	45.5	45.[illegible]
GE 18000	47.4	47.6	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 15000	47.4	47.[illegible]	47.5	47.6	48.0	48.2	48.3	48.3	48.3	48.3
GE 14000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	50.3	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	54.4	54.7	54.[illegible]	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 9000	55.3	55.5	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 8000	51.3	51.3	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 7000	62.3	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	64.2	64.[illegible]	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 5000	67.4	67.1	67.3	67.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	71.3	71.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.[illegible]
GE 4000	73.[illegible]	73.3	74.3	74.3	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	75.[illegible]	77.3	77.3	77.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	77.2	77.3	77.[illegible]	80.3	80.5	80.5	80.5	80.5	80.5	80.5
GE 2500	79.2	81.1	80.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	79.[illegible]	80.4	81.4	81.7	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	79.3	80.5	81.3	82.0	82.4	82.4	82.4	82.5	82.5	82.5
GE 1500	79.[illegible]	80.3	81.3	82.3	82.3	82.3	82.3	83.3	83.3	83.3
GE 1200	80.2	81.3	82.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	84.3	84.3	84.3
GE 1000	82.[illegible]	83.3	83.4	84.3	84.4	84.4	84.4	84.6	84.6	84.5
GE 900	81.1	82.5	84.1	84.5	85.2	85.2	85.2	85.4	85.5	85.5
GE 800	81.3	83.6	85.3	85.3	86.3	86.3	86.3	85.5	85.7	85.7
GE 700	82.3	84.4	85.3	87.1	87.7	87.7	87.7	88.0	88.1	88.1
GE 600	82.4	85.2	87.4	88.5	89.5	89.5	89.5	89.7	89.[illegible]	89.[illegible]
GE 500	83.5	85.4	87.5	89.0	90.1	90.1	90.2	90.4	90.5	90.5
GE 400	83.7	85.5	88.5	89.8	91.1	91.3	91.6	92.0	92.3	92.5
GE 300	83.7	85.6	88.7	90.3	91.7	92.2	92.5	93.7	94.0	94.2
GE 200	83.7	85.6	88.7	90.3	91.8	92.4	92.9	94.2	94.5	95.3
GE 100	83.7	85.6	88.7	90.3	91.8	92.4	92.9	94.2	94.5	95.3
GE 000	83.7	85.6	88.7	90.3	91.8	92.4	92.9	94.2	94.5	95.3

TOTAL NUMBER OF OBSERVATIONS 430

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A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 18-20

CEILING IN STATUTE MILES	VISIBILITY IN STATUTE MILES										
	GE 1/2	GE 1	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
[illegible]	[illegible]	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
[illegible]	[illegible]	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
[illegible]	[illegible]	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
[illegible]	[illegible]	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
[illegible]	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
[illegible]	[illegible]	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
[illegible]	[illegible]	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
[illegible]	[illegible]	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
[illegible]	[illegible]	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
[illegible]	[illegible]	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
[illegible]	[illegible]	[illegible]	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
[illegible]	[illegible]	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
[illegible]	[illegible]	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	[illegible]	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
[illegible]	91.5	92.0	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	[illegible]	93.7	94.0	94.2	95.7	95.7	95.3	95.3	95.5	95.5	95.5
[illegible]	[illegible]	94.2	94.5	95.3	98.0	98.1	98.7	99.2	99.3	99.3	99.3
[illegible]	[illegible]	94.2	94.5	95.3	98.1	98.2	98.8	99.4	99.5	99.7	100.0
[illegible]	92.9	94.2	94.5	95.3	98.1	98.2	98.8	99.4	99.7	100.0	

OPERATING LOCATION "A"
JOARETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CLIM
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH
LST IJ UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	45.2	45.5	45.9	47.0	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	50.1	50.4	51.0	51.1	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	50.5	50.9	51.4	51.5	51.8	51.8	51.8	51.8	51.8	51.8
GE 15000	50.5	51.0	51.5	51.5	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	50.5	51.2	51.7	51.8	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	51.0	52.4	52.9	53.0	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	55.0	55.9	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	55.1	56.0	57.2	57.4	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	51.2	51.6	52.3	52.5	52.9	52.9	52.9	52.9	52.9	52.9
GE 7000	52.2	53.2	53.9	54.1	54.4	54.4	54.4	54.4	54.4	54.4
GE 6000	54.4	54.9	55.5	55.7	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	57.2	57.4	57.1	58.4	58.7	58.7	58.7	58.7	58.7	58.7
GE 4500	69.7	70.9	71.0	71.5	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	72.2	72.6	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	74.3	75.5	75.5	77.2	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	75.0	76.5	77.4	78.1	78.8	78.8	78.8	78.7	78.7	78.7
GE 2500	77.5	77.7	78.7	79.4	80.1	80.1	80.1	80.2	80.3	80.3
GE 2000	77.5	78.3	79.2	79.9	80.9	80.9	80.9	81.1	81.1	81.1
GE 1800	77.5	78.3	79.2	79.9	80.9	80.9	80.9	81.1	81.1	81.1
GE 1500	77.5	78.4	79.6	80.2	81.2	81.2	81.2	81.4	81.4	81.4
GE 1200	77.5	78.9	80.5	81.2	82.2	82.2	82.2	82.4	82.4	82.4
GE 1000	77.5	78.9	80.1	81.8	82.5	82.5	82.5	82.7	82.7	82.7
GE 900	78.2	79.2	80.4	81.7	82.9	83.0	83.1	83.2	83.2	83.2
GE 800	78.7	79.8	81.5	82.9	84.1	84.2	84.2	84.4	84.4	84.4
GE 700	79.5	80.6	82.5	84.0	85.2	85.3	85.3	85.5	85.5	85.5
GE 600	80.2	81.5	83.9	85.4	86.9	87.0	87.0	87.2	87.2	87.2
GE 500	80.2	81.6	83.9	85.5	87.3	87.4	87.5	87.8	87.8	87.8
GE 400	80.4	82.2	84.9	87.0	88.6	89.0	89.4	89.6	89.6	89.6
GE 300	80.4	82.2	85.1	87.3	89.8	90.2	91.5	92.4	92.5	93.0
GE 200	80.4	82.2	85.3	87.7	90.2	90.2	92.0	93.4	94.3	94.9
GE 100	80.4	82.2	85.3	87.7	90.2	90.8	92.0	93.6	94.7	95.8
GE 000	80.4	82.2	85.3	87.7	90.2	90.8	92.0	93.6	94.9	95.8

TOTAL NUMBER OF OBSERVATIONS 930

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A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: MAY HOURS: 21-23

CEILING IN STATUTE MILES										
[illegible]	[illegible]	[illegible]	[illegible]	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
1/2	1	1 1/2	1 1/4							
7.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
1.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
1.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
1.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
2.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
3.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
7.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
7.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
2.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
4.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
6.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
[illegible].7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	[illegible].7	68.7
71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
[illegible].1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	[illegible].3	80.3
[illegible]	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible]	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
[illegible].2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
[illegible]	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
[illegible]	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
[illegible].2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
[illegible].3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
87.[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible].4	87.[illegible]	87.3	87.[illegible]	87.[illegible]	87.[illegible]	87.3	87.[illegible]	87.[illegible]	87.[illegible]	[illegible]
[illegible]	89.[illegible]	89.5	89.5	89.3	89.9	89.9	89.9	89.9	89.9	90.0
[illegible].2	91.5	92.4	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.4
[illegible]	92.0	93.4	94.3	94.0	95.3	96.2	96.4	97.0	97.5	98.0
[illegible]	92.0	93.5	94.5	95.3	96.1	96.7	97.4	98.0	99.2	99.3
[illegible]	92.0	93.5	94.5	95.3	96.1	96.7	97.4	98.0	99.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible] OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: +5

CEILING IN FEET	3 7	2 5	3 5	3 4	2 3	2 1/2	2	1 1/2	1 1/4	1
	VISIBILITY IN STATUTE MILES									
NO CEIL	43.8	43.5	44.0	44.1	44.4	44.4	44.4	44.5	44.	44.
GE 20000	49.[illegible]	50.0	50.4	50.5	50.9	50.9	51.0	51.0	51.0	51.0
GE 18000	50.2	50.7	51.1	51.3	51.6	51.6	51.7	51.7	51.7	51.7
GE 16000	50.8	50.7	51.2	51.3	51.6	51.7	51.7	51.[illegible]	51.[illegible]	1.
GE 14000	50.7	51.1	51.6	51.7	52.1	52.1	52.1	52.2	52.2	52.2
GE 12000	52.4	52.9	53.4	53.5	53.9	53.9	53.9	53.9	54.[illegible]	54.[illegible]
GE 10000	56.1	56.5	57.1	57.2	57.6	57.6	57.7	57.7	57.7	57.7
GE 9000	56.7	57.5	57.7	57.9	58.3	58.3	58.3	58.4	[illegible]	[illegible]
GE 8000	61.0	61.[illegible]	62.1	62.3	62.7	62.7	62.[illegible]	62.	[illegible]	[illegible]
GE 7000	62.[illegible]	63.1	63.7	63.9	64.3	64.4	64.4	64.[illegible]	64.5	64.5
GE 6000	63.[illegible]	64.4	65.[illegible]	65.9	66.6	66.6	66.7	66.7	66.[illegible]	66.
GE 5000	66.7	67.3	67.9	68.2	68.6	68.6	68.7	68.7	[illegible]	[illegible]
GE 4500	69.7	69.9	70.1	70.4	70.[illegible]	70.[illegible]	70.9	71.0	71.0	71.[illegible]
GE 4000	71.2	72.[illegible]	72.8	73.2	73.6	73.7	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
GE 3500	73.5	74.3	75.2	75.[illegible]	76.1	76.2	76.[illegible]	76.3	76.[illegible]	76.[illegible]
GE 3000	75.2	76.1	77.1	77.6	78.1	78.2	78.[illegible]	78.4	78.4	78.4
GE 2500	75.2	77.1	78.1	78.7	79.2	79.3	79.4	79.5	79.5	79.[illegible]
GE 2000	76.[illegible]	77.[illegible]	78.9	79.5	80.1	80.2	80.3	80.4	80.5	80.5
GE 1800	77.3	78.[illegible]	79.1	79.7	80.3	80.4	80.5	80.5	80.7	80.7
GE 1500	77.4	79.4	79.6	80.2	80.9	81.0	81.1	81.2	81.3	81.3
GE 1200	77.4	79.9	80.8	81.0	81.7	81.8	1.9	82.1	82.1	1.1
GE 1000	78.5	79.7	81.1	81.4	82.6	82.9	83.0	83.1	83.1	83.[illegible]
GE 900	79.0	80.2	81.7	82.5	83.5	83.6	83.7	83.9	83.9	84.[illegible]
GE 800	79.4	80.9	82.7	83.6	84.7	84.8	84.9	85.1	85.1	85.2
GE 700	80.1	81.5	83.[illegible]	84.6	85.4	85.5	85.6	85.3	85.4	85.4
GE 600	80.7	82.3	84.[illegible]	85.9	87.3	87.4	87.9	88.0	88.0	88.1
GE 500	81.0	82.7	85.1	85.7	88.3	88.5	88.2	88.8	88.7	88.
GE 400	81.1	83.4	85.7	87.4	89.4	90.5	90.7	91.4	91.5	91.7
GE 300	81.1	83.9	85.9	88.0	90.5	91.4	92.5	93.7	94.9	94.7
GE 200	81.1	83.0	85.9	88.1	90.3	91.7	92.9	94.5	95.1	95.1
GE 100	81.1	83.5	85.9	88.1	90.3	91.7	92.9	94.5	95.9	96.3
GE 000	81.1	83.5	85.9	88.1	90.4	91.7	92.9	94.5	95.9	96.3

TOTAL NUMBER OF OBSERVATIONS 7440

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: MAY HOURS: ALL

ILITY IN STATUTE MILES										
1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	[illegible]
[illegible]	44.4	44.5	44.[illegible]	44.5	44.5	44.5	44.5	44.5	44.5	44.7
[illegible]	51.[illegible]	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2
[illegible]	51.7	1.7	51.7	51.7	51.7	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]
[illegible]	51.7	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]
[illegible]	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3
[illegible]	53.[illegible]	53.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.1
[illegible]	57.7	57.7	57.7	7.7	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
[illegible]	55.7	55.7	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.1	71.1
[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	74.[illegible]	74.[illegible]
[illegible]	75.[illegible]	75.3	75.3	75.[illegible]	75.3	75.4	75.4	75.4	75.4	75.5
[illegible]	75.[illegible]	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.[illegible]	75.5
[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	79.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	81.1	81.2	81.[illegible]	81.3	81.3	81.4	81.4	81.4	81.4	81.5
[illegible]	1.[illegible]	82.1	82.1	82.1	82.2	82.2	82.2	82.[illegible]	82.[illegible]	82.[illegible]
[illegible]	[illegible]	83.1	83.[illegible]	83.2	83.3	83.3	83.3	83.[illegible]	83.4	83.4
[illegible]	83.7	3.[illegible]	83.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.1	84.1
[illegible]	84.[illegible]	85.1	85.1	85.2	85.2	85.2	85.2	[illegible]	85.3	85.3
[illegible]	5.1	85.3	85.4	85.4	86.5	86.5	86.5	86.5	86.5	86.[illegible]
[illegible]	7.[illegible]	87.[illegible]	87.[illegible]	87.1	87.1	87.1	87.1	87.1	87.[illegible]	88.3
[illegible]	[illegible]	92.5	92.7	93.[illegible]	93.[illegible]	93.3	93.[illegible]	93.[illegible]	93.[illegible]	94.7
[illegible]	91.7	91.4	91.5	91.7	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	92.[illegible]
[illegible]	92.[illegible]	93.7	94.[illegible]	94.7	95.0	95.1	95.1	95.1	95.2	97.3
.7	92.[illegible]	94.5	95.1	95.1	97.0	97.2	97.7	97.[illegible]	99.1	99.4
.7	92.[illegible]	94.5	95.2	96.3	97.3	97.5	98.2	98.4	99.[illegible]	99.9
.7	92.[illegible]	94.5	95.[illegible]	96.3	97.3	97.5	98.2	98.4	99.1	100.0

OPERATING LOCATION "A"
USAFETAC, [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY COMBINATIONS

STATION NUMBER: [illegible]
LOCATION: [illegible]

CEILING IN FEET	7	5	4	3	2	1 1/2	1	3/4	1/2	1/4	0
99 OVCT	75.7	71.3	67.[illegible]	54.3	54.3	54.7	[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	57.[illegible]	53.1	53.3	53.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	55.7	55.4	57.3	53.4	53.2	53.5	53.7	51.1	51.1	51.1	51.1
GE 14000	55.7	55.4	57.3	53.4	53.2	53.5	53.7	51.1	51.1	51.1	51.1
GE 13000	55.3	55.7	57.2	53.7	53.4	53.7	[illegible]	51.3	51.3	51.3	51.3
GE 12000	55.7	57.4	[illegible]	57.4	51.2	51.6	51.7	52.1	52.1	[illegible]	[illegible]
GE 11000	[illegible]	55.7	51.4	52.4	53.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	52.3	54.3	54.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.7
GE [illegible]	53.7	[illegible]	[illegible]	[illegible]	53.1	[illegible]	[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
GE 7000	[illegible]	[illegible]	67.[illegible]	69.4	72.3	73.[illegible]	71.3	71.4	71.4	71.4	71.4
GE 6000	75.1	[illegible]	[illegible]	69.9	71.[illegible]	71.9	71.4	71.3	71.4	71.4	71.3
GE 5000	[illegible]	[illegible]	72.1	71.7	72.[illegible]	73.[illegible]	73.[illegible]	73.7	73.7	73.7	73.7
GE 4500	[illegible]	[illegible]	71.3	73.3	74.3	74.[illegible]	74.[illegible]	74.4	74.4	74.4	74.4
GE 4000	77.[illegible]	72.4	73.4	75.3	75.3	75.7	75.[illegible]	77.3	77.3	77.3	77.3
GE 3500	71.3	71.3	76.4	76.[illegible]	77.3	77.7	77.3	77.3	77.3	77.3	77.3
GE 3000	71.3	72.4	75.1	75.7	77.1	77.[illegible]	77.[illegible]	77.4	77.4	77.4	77.4
GE 2500	71.3	72.4	75.[illegible]	77.1	75.7	77.3	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	72.4	73.4	75.2	77.3	77.[illegible]	[illegible]	[illegible]	1.1	1.1	1.1	1.1
GE 1800	72.7	73.7	75.4	77.1	80.[illegible]	[illegible]	[illegible]	1.3	81.3	81.[illegible]	81.[illegible]
GE 1500	72.1	74.2	77.1	79.4	80.[illegible]	81.4	81.7	82.1	82.1	82.1	82.1
GE 1200	74.[illegible]	75.1	77.1	79.[illegible]	81.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	74.3	75.3	78.3	82.3	82.7	83.3	83.3	84.1	84.1	84.1	84.1
GE [illegible]	74.7	75.9	79.2	80.3	83.0	83.7	[illegible]	84.4	84.4	84.4	84.4
GE 4[illegible]	7[illegible]	75.7	[illegible]	82.1	84.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.
GE 7[illegible]	75.[illegible]	77.1	80.9	82.7	85.2	85.3	85.1	85.7	85.7	85.7	85.7
GE 600	76.1	77.3	81.[illegible]	83.1	85.1	86.9	87.1	87.4	87.4	87.4	[illegible]
GE 500	76.1	77.7	81.9	83.7	87.0	87.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.
GE 450	76.1	77.7	82.0	84.1	88.3	89.3	[illegible]	89.[illegible]	89.[illegible]	91.	91.
GE 300	76.2	77.9	82.2	84.5	89.1	90.4	91.[illegible]	93.[illegible]	[illegible]	93.[illegible]	93.[illegible]
GE 200	76.2	77.9	82.4	84.8	89.5	91.0	92.1	94.1	94.5	94.1	95.1
GE 100	76.2	77.9	82.4	84.5	89.5	91.0	92.1	94.1	94.7	95.[illegible]	95.[illegible]
GE 000	76.2	77.9	82.4	84.8	89.5	91.0	92.1	94.1	94.7	95.[illegible]	95.[illegible]

TOTAL NUMBER OF OBSERVATIONS 300

[illegible]

A

THE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 20-22

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	1/4	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.1	55.1	55.1	55.1	55.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.3
[illegible]	[illegible]	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.6
[illegible]	[illegible]	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.6
[illegible]	[illegible]	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.8
[illegible]	61.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.7	64.7	64.7	[illegible]	[illegible]	65.1
[illegible]	[illegible]	[illegible]	65.7	65.7	65.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.1	70.1	70.1	70.2	[illegible]	[illegible]	70.4
[illegible]	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.7	71.7	71.7	72.3
71.0	71.4	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.8
[illegible]	[illegible]	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	74.0
[illegible]	[illegible]	[illegible]	[illegible]	75.4	75.5	75.5	75.5	75.7	75.7	75.7	76.3
[illegible]	[illegible]	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	78.2
77.7	77.9	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	79.2
[illegible]	79.2	79.9	79.4	79.4	79.5	79.5	79.4	79.7	79.7	79.7	80.3
[illegible]	[illegible]	[illegible]	[illegible]	80.9	80.9	80.1	80.1	80.1	80.2	80.2	80.7
[illegible]	[illegible]	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	82.0
[illegible]	[illegible]	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	82.2
[illegible]	81.7	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	83.0
[illegible]	[illegible]	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	84.1
[illegible]	[illegible]	84.1	84.1	84.1	84.2	84.2	84.2	[illegible]	84.3	84.3	85.0
[illegible]	[illegible]	84.4	84.4	84.4	84.5	84.5	84.5	84.7	84.7	84.7	85.3
[illegible]	[illegible]	[illegible]	85.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	86.7
[illegible]	[illegible]	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	87.6
[illegible]	87.1	87.3	87.4	87.4	87.9	87.9	87.9	88.0	88.0	88.0	88.7
[illegible]	[illegible]	88.8	88.8	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.7
[illegible]	[illegible]	90.8	90.9	91.0	91.2	91.2	91.3	91.4	91.5	91.5	92.2
[illegible]	91.5	93.2	93.4	93.8	94.0	94.0	94.4	94.5	94.7	94.7	95.3
91.9	92.1	94.1	94.6	95.1	95.6	95.5	96.6	96.7	96.9	96.9	98.2
91.9	92.1	94.1	94.7	95.2	95.9	95.9	96.9	97.3	97.7	99.3	
91.9	92.1	94.1	94.7	95.2	95.9	95.9	96.9	97.3	97.7	100.0	

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	42.8	43.3	44.3	45.0	47.9	48.0	48.7	48.8	49.0	49.1
GE 20000	47.1	48.0	49.1	51.5	53.8	53.9	54.7	55.3	55.2	55.2
GE 18000	47.2	48.2	49.3	51.3	54.1	54.2	55.0	55.2	55.5	55.6
GE 16000	47.4	48.3	49.4	51.9	54.2	54.3	55.1	55.4	55.7	55.7
GE 14000	47.7	48.6	49.7	52.1	54.4	54.6	55.4	55.7	55.8	55.9
GE 12000	49.3	50.2	51.5	53.1	55.1	55.2	57.1	57.5	57.	57.1
GE 10000	52.9	54.1	55.4	57.9	59.3	59.4	61.2	61.	61.3	61.3
GE 9000	53.3	54.5	55.8	58.3	59.9	61.0	61.9	62.1	62.5	62.
GE 8000	56.7	57.9	59.6	62.1	64.3	65.1	66.5	67.1	67.3	67.4
GE 7000	57.2	58.4	61.1	63.5	66.4	69.5	68.2	68.8	69.3	69.1
GE 6000	59.1	60.3	62.1	64.4	67.4	67.9	69.2	69.5	70.9	70.1
GE 5000	61.9	62.6	64.3	67.1	70.1	70.4	72.5	72.5	72.1	72.4
GE 4500	62.9	63.8	65.7	68.5	71.6	71.9	73.5	74.2	74.5	74.7
GE 4000	63.9	65.3	67.2	70.1	73.2	73.7	75.3	75.8	75.5	75.4
GE 3500	64.5	65.9	67.8	70.7	74.3	74.2	75.4	76.4	76.9	77.
GE 3000	65.1	66.5	68.7	71.7	74.5	75.3	77.3	77.7	77.9	7 .1
GE 2500	66.9	67.4	69.5	72.7	75.1	76.3	7 .4	78.7	78.1	78.1
GE 2000	66.3	68.0	70.1	73.3	76.5	77.1	79.5	79.4	79.4	.
GE 1800	66.3	68.0	70.1	73.3	76.5	77.1	79.5	79.4	79.4	79.5
GE 1500	66.7	68.3	70.4	73.3	77.2	77.2	79.6	80.1	8 .	.
GE 1200	67.7	69.3	71.4	75.0	78.4	79.0	80.5	81.4	81.9	82.
GE 1000	68.4	70.2	72.3	75.0	79.4	80.0	81.5	82.4	82.4	83.
GE 900	68.7	70.4	72.7	75.4	80.0	80.7	82.4	83.1	83.5	83.7
GE 800	69.1	70.9	73.4	77.2	81.3	82.0	83.9	84.5	85.0	85.1
GE 700	69.2	71.0	73.7	77.6	82.0	83.3	84.9	85.7	86.1	86.5
GE 600	69.2	71.1	74.4	78.6	83.3	84.2	86.2	87.1	87.6	87.7
GE 500	69.3	71.2	74.9	79.5	84.6	85.5	87.7	88.5	89.2	8 .
GE 400	69.4	71.3	75.1	80.0	85.6	86.5	88.5	89.5	90.4	91.3
GE 300	69.4	71.4	75.6	80.8	86.8	87.8	90.2	91.7	92.4	93.7
GE 200	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1
GE 100	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1
GE 000	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1

TOTAL NUMBER OF OBSERVATIONS 900

9 - 2 - 47

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: JUN HOURS: 03-05

VISIBILITY IN STATUTE MILES										
3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	49.1
[illegible]	54.7	55.3	55.2	55.2	55.2	55.2	55.3	55.4	55.4	55.5
[illegible]	55.3	55.3	55.5	55.6	55.5	55.5	55.7	55.8	55.8	55.9
[illegible]	55.1	55.4	55.7	55.7	55.7	55.7	55.9	55.9	55.9	56.0
[illegible]	55.4	55.9	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.3
[illegible]	57.1	57.5	57.[illegible]	57.2	57.3	57.3	57.9	58.0	58.6	58.1
[illegible]	51.5	51.[illegible]	52.0	52.0	52.0	52.0	52.1	52.2	52.2	52.3
[illegible]	51.[illegible]	52.3	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.9
[illegible]	[illegible]	57.1	57.3	57.4	57.4	57.4	57.7	57.8	57.9	57.9
[illegible]	[illegible]	[illegible]	53.0	53.1	53.1	53.1	53.3	53.4	53.4	69.6
[illegible]	[illegible]	69.2	69.3	70.0	70.1	70.1	70.1	70.3	70.4	70.4	70.6
[illegible]	72.[illegible]	72.5	72.8	72.9	72.9	72.9	73.1	73.2	73.2	73.3
[illegible]	73.5	74.2	74.5	74.7	74.7	74.7	74.9	75.0	75.0	75.1
[illegible]	75.3	75.9	76.3	75.4	76.5	76.6	76.8	76.9	76.9	77.0
[illegible]	75.[illegible]	75.6	75.9	77.0	77.1	77.1	77.3	77.4	77.6	77.7
[illegible]	77.[illegible]	77.7	78.0	78.1	78.2	78.2	78.4	78.5	78.5	78.6
[illegible]	7[illegible].[illegible]	79.7	79.1	79.2	79.3	79.3	79.5	79.7	79.7	79.9
[illegible]	7[illegible].[illegible]	79.4	79.4	80.0	80.1	80.1	80.3	80.4	80.4	80.7
77.1	7[illegible].[illegible]	79.4	79.9	80.0	80.1	80.1	80.3	80.4	80.4	80.7
77.[illegible]	79.4	80.1	80.5	80.7	80.8	80.8	81.0	81.1	81.1	81.3
[illegible]	[illegible]	81.4	81.9	82.0	82.1	82.1	82.3	82.4	82.4	82.7
[illegible]	81.[illegible]	82.4	82.9	83.0	83.1	83.1	83.5	83.6	83.4	83.7
8[illegible].7	82.[illegible]	83.1	83.6	83.7	83.8	83.8	84.0	84.1	84.1	84.3
[illegible]	83.9	84.5	85.0	85.1	85.2	85.2	85.4	85.5	85.5	85.8
[illegible]	84.9	85.7	86.1	86.2	86.3	86.3	86.6	86.7	86.7	86.9
84.[illegible]	86.2	87.1	87.5	87.7	87.8	87.8	88.1	88.2	88.2	88.4
[illegible]	88.7	89.6	89.9	89.3	89.4	89.4	89.5	89.7	89.9	90.1
[illegible]	89.8	90.5	90.9	91.2	91.4	91.4	91.[illegible]	91.9	92.1	92.4
7[illegible]	90.9	91.7	92.4	93.7	94.1	94.1	94.7	94.8	95.0	95.4
[illegible].1	91.7	92.7	93.4	95.1	95.8	95.9	95.9	96.9	97.6	98.2
[illegible].1	91.7	92.7	93.4	95.1	95.8	95.9	95.9	97.0	98.1	99.7
[illegible].1	91.7	92.7	93.4	95.1	95.8	95.9	95.9	97.0	98.1	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
USAFETAC, ASHEVILLE NC TOTAL HOURLY OBSERVATIONS

STATION NUMBER: 726056 STATION NAME: PLASE AFB MN PERIOD
LST TO UTC: + 5 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	44.7	48.9	47.5	47.3	49.3	49.9	50.1	50.2	50.2	51.4
GE 20000	44.4	50.5	52.7	53.5	54.5	55.4	55.7	55.9	56.1	56.1
GE 18000	50.0	51.2	53.1	54.0	55.1	56.0	56.2	56.6	56.7	56.8
GE 16000	50.1	51.4	53.3	54.2	55.3	56.2	56.4	56.8	56.9	57.0
GE 14000	50.2	51.5	53.4	54.3	55.4	56.3	56.6	56.9	57.0	57.1
GE 12000	52.0	53.4	55.4	56.3	57.4	58.3	58.7	59.0	59.1	59.2
GE 10000	54.7	56.4	58.7	59.7	60.9	61.[illegible]	62.1	62.4	62.5	62.7
GE 9000	55.1	57.2	59.5	60.5	61.[illegible]	62.8	63.1	63.4	63.5	63.7
GE 8000	58.2	61.3	63.8	64.9	66.1	67.3	67.8	68.1	68.2	68.4
GE 7000	60.0	62.1	64.5	65.7	66.9	68.1	68.5	68.8	68.9	69.2
GE 6000	60.9	63.3	65.9	67.2	68.[illegible]	69.4	69.9	70.2	70.3	70.5
GE 5000	62.0	64.7	67.4	69.1	70.4	71.7	72.1	72.4	72.5	72.8
GE 4500	62.5	65.3	68.1	69.9	71.2	72.4	72.9	73.2	73.5	73.[illegible]
GE 4000	63.5	66.4	69.2	71.2	72.7	74.0	74.4	74.8	75.1	75.[illegible]
GE 3500	64.6	67.3	70.2	72.2	73.7	75.0	75.4	75.8	76.1	76.3
GE 3000	65.7	68.7	71.7	74.0	75.7	77.0	77.4	77.8	78.1	78.[illegible]
GE 2500	66.1	69.1	72.1	74.5	76.3	77.7	78.1	78.4	78.[illegible]	79.1
GE 2000	66.9	69.9	73.0	75.4	77.3	78.7	79.2	79.5	79.9	80.2
GE 1800	67.2	70.2	73.3	75.8	77.7	79.2	79.6	79.9	80.1	80.[illegible]
GE 1500	67.9	70.9	74.0	76.7	78.3	79.9	80.4	80.8	81.1	81.[illegible]
GE 1200	68.9	72.0	75.2	78.1	80.0	81.3	82.0	82.4	82.7	83.1
GE 1000	69.3	72.6	75.9	78.9	80.9	82.3	83.1	83.7	84.0	84.[illegible]
GE 900	70.1	73.3	76.7	79.9	82.0	83.5	84.4	85.0	85.3	85.7
GE 800	70.2	73.4	77.1	80.4	82.9	84.4	85.4	86.0	86.3	86.7
GE 700	70.2	73.4	77.1	80.5	83.0	84.7	85.[illegible]	86.3	86.[illegible]	87.1
GE 600	71.0	74.2	78.2	82.0	85.1	87.0	88.1	88.[illegible]	89.2	89.7
GE 500	71.3	74.6	78.7	82.7	85.8	87.7	88.7	89.5	90.0	90.5
GE 400	71.4	74.7	79.1	83.3	87.0	89.0	90.3	91.[illegible]	92.3	93.0
GE 300	71.4	74.7	79.2	83.8	87.8	89.7	91.4	93.5	94.4	95.4
GE 200	71.4	74.7	79.2	83.8	87.9	90.0	91.5	94.0	95.2	96.[illegible]
GE 100	71.4	74.7	79.2	83.8	87.9	90.0	91.5	94.0	95.2	96.[illegible]
GE 000	71.4	74.7	79.2	83.8	87.9	90.0	91.5	94.0	95.2	96.[illegible]

TOTAL NUMBER OF OBSERVATIONS 300

0 - 2 - 48

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 06-08

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	[illegible].1	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.7	50.8
[illegible]	55.7	55.9	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.7
[illegible]	56.2	56.5	56.7	56.8	56.9	56.9	57.0	57.0	57.1	57.2
[illegible]	56.4	56.8	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.4
[illegible]	56.5	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.5
[illegible]	58.7	59.0	59.1	59.2	59.3	59.3	59.4	59.4	59.5	59.7
[illegible]	62.1	62.4	62.5	62.7	62.8	62.8	62.9	62.9	63.0	63.1
[illegible]	63.1	63.4	63.5	63.7	63.8	63.8	63.9	63.9	64.0	64.1
[illegible]	63.4	63.1	63.2	63.4	63.5	63.5	63.7	63.7	63.8	63.9
[illegible]	[illegible]	69.2	69.0	69.2	69.3	69.3	69.4	69.4	69.5	69.7
[illegible]	[illegible]	70.2	70.3	70.5	70.7	70.7	70.8	70.8	70.9	71.0
[illegible]	72.1	72.4	72.5	72.8	72.9	72.9	73.0	73.0	73.1	73.2
[illegible]	72.[illegible]	73.2	73.5	73.8	74.0	74.0	74.1	74.1	74.2	74.3
[illegible]	74.4	74.6	75.1	75.3	75.5	75.5	75.7	75.7	75.8	75.9
[illegible]	75.4	75.6	75.1	75.3	75.5	75.5	75.7	75.7	76.0	76.0
[illegible]	77.4	77.8	78.1	78.3	78.5	78.5	78.7	78.7	78.[illegible]	78.9
[illegible]	79.1	79.4	79.[illegible]	79.1	79.2	79.3	79.4	79.4	79.5	79.7
[illegible]	79.2	79.5	79.8	80.2	80.4	80.4	80.5	80.5	80.7	80.[illegible]
[illegible]	79.5	79.8	80.2	80.5	80.8	80.8	80.9	80.9	81.0	81.1
[illegible]	82.4	83.0	81.1	81.4	81.7	81.7	81.8	81.8	81.9	82.0
[illegible]	82.[illegible]	82.4	82.[illegible]	83.1	83.3	83.3	83.4	83.4	83.5	83.7
[illegible]	83.1	83.7	84.0	84.2	84.5	84.5	84.7	84.7	84.8	84.9
[illegible]	84.4	85.0	85.3	85.7	85.9	85.9	86.0	86.0	86.1	86.2
[illegible]	85.4	86.0	86.3	86.7	86.9	86.9	87.0	87.0	87.1	87.2
[illegible]	86.[illegible]	86.3	86.[illegible]	87.1	87.3	87.3	87.4	87.4	87.5	87.7
[illegible]	[illegible].1	88.8	89.2	89.7	89.9	89.9	90.0	90.0	90.1	90.2
[illegible]	[illegible]	90.5	90.9	90.5	90.6	90.6	90.9	91.0	91.1	91.2
[illegible]	90.5	91.[illegible]	92.3	93.0	93.4	93.4	93.7	93.8	93.9	94.0
[illegible]	91.4	93.4	94.4	95.4	96.1	96.3	96.3	96.9	97.1	97.2
[illegible]	91.8	94.0	95.0	95.2	97.0	97.2	98.2	98.4	98.8	99.0
[illegible]	91.6	94.3	95.0	95.2	97.1	97.3	98.4	98.0	98.4	99.9
[illegible]	91.6	94.0	95.0	95.2	97.1	97.3	98.4	98.0	98.6	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF 3CON-PERIOD OF OBS
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723086 STATION NAME: PEASE AFB NH
LST TO UTC: + 5 YEARS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	45.4	45.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	52.0	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 18000	53.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	53.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	53.5	55.4	55.[illegible]	55.[illegible]	55.3	55.5	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]
GE 12000	55.1	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	55.9	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	59.[illegible]	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	62.5	64.5	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	62.2	65.1	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	63.3	66.7	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	64.1	66.5	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.[illegible]
GE 4500	65.[illegible]	68.2	69.1	69.6	70.0	70.0	70.1	70.1	70.3	70.3
GE 4000	67.4	71.0	72.2	72.9	73.4	73.5	73.7	73.7	74.0	74.[illegible]
GE 3500	69.7	72.3	73.9	74.5	75.3	75.5	75.5	75.[illegible]	75.3	75.[illegible]
GE 3000	71.4	74.2	75.9	77.0	77.7	78.0	78.4	78.4	78.0	78.[illegible]
GE 2500	72.1	74.9	76.6	77.7	78.4	79.0	79.2	79.2	79.5	79.[illegible]
GE 2000	72.7	75.6	77.2	78.3	79.1	79.6	80.0	80.1	80.7	80.7
GE 1500	73.1	76.0	77.7	78.5	79.5	80.0	80.4	80.5	81.1	81.[illegible]
GE 1800	73.3	76.7	78.2	79.7	80.4	80.9	81.4	81.7	82.2	82.[illegible]
GE 1200	75.5	79.4	80.4	81.6	82.3	82.9	83.7	84.0	84.5	84.[illegible]
GE 1000	76.3	79.4	81.4	82.6	83.5	84.2	85.1	85.4	86.0	86.[illegible]
GE 900	76.3	80.2	82.2	83.6	84.5	85.2	86.1	86.4	87.0	87.[illegible]
GE 800	77.4	81.0	83.0	84.4	85.7	86.4	87.4	87.[illegible]	88.3	88.4
GE 700	78.1	81.3	84.2	86.0	87.7	88.0	89.5	89.2	89.[illegible]	89.[illegible]
GE 600	78.9	82.7	85.3	87.3	90.0	91.1	92.1	92.[illegible]	93.3	93.4
GE 500	79.0	82.9	85.6	87.7	90.4	91.7	93.4	94.2	95.0	95.[illegible]
GE 400	79.0	83.0	85.9	88.2	91.3	92.9	94.5	95.[illegible]	96.[illegible]	97.2
GE 300	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.2	98.1	98.[illegible]
GE 200	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	99.0
GE 100	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	99.0
GE 000	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	99.[illegible]

TOTAL NUMBER OF OBSERVATIONS 200

9 - 2 - 49

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUN HOURS: 09-11

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
[illegible]	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
[illegible]	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
[illegible]	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
[illegible]	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
7.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
[illegible]	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
[illegible]	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
[illegible]	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
[illegible]	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
[illegible]	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]
[illegible]	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
[illegible]	73.7	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	75.[illegible]	75.[illegible]	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
[illegible]	76.4	76.4	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	77.2	77.2	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9
[illegible]	79.[illegible]	79.1	79.7	79.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
[illegible]	80.4	80.5	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
[illegible]	81.4	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
[illegible]	83.7	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
[illegible]	85.1	85.4	86.9	86.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
[illegible]	85.1	85.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
[illegible]	87.4	87.[illegible]	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
[illegible]	89.3	89.2	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1.1	92.1	92.5	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1.7	94.4	94.2	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
[illegible]	94.5	95.9	96.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	96.7	97.2	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
[illegible]	96.7	97.3	98.2	99.0	99.3	99.4	99.4	99.7	99.8	99.8	99.8
[illegible]	96.7	97.3	98.2	99.0	99.3	99.4	99.4	99.8	100.0	100.0	100.0
[illegible]	96.7	97.3	98.2	99.0	99.3	99.4	99.4	99.8	100.0	100.0	100.0

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH: 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	45.3	45.3	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	55.4	55.3	56.4	56.5	56.5	56.5	56.5	56.5	56.4
GE 18000	55.5	55.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	55.5	55.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	59.2	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	61.5	61.7	61.9	62.0	62.2	62.2	62.2	62.2	62.2
GE 9000	61.9	62.7	62.9	63.0	63.2	63.2	63.2	63.2	63.2
GE 8000	66.9	67.0	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 7000	66.2	67.7	68.1	68.2	68.4	68.4	68.4	68.4	68.4
GE 6000	67.1	68.2	68.7	68.8	69.0	69.0	69.0	69.0	69.0
GE 5000	[illegible]	70.0	70.5	70.7	70.9	70.9	70.9	70.9	70.9
GE 4500	71.1	72.0	72.9	73.1	73.3	73.3	73.3	73.3	73.3
GE 4000	74.1	75.4	76.5	76.7	77.0	77.0	77.0	77.0	77.0
GE 3500	75.6	77.3	78.2	78.7	79.1	79.1	79.1	79.1	79.1
GE 3000	78.0	79.7	80.7	81.3	82.1	82.1	82.2	82.2	82.3
GE 2500	79.0	80.7	81.7	82.5	83.3	83.3	83.4	83.4	83.4
GE 2000	80.4	82.1	83.1	84.0	84.5	84.5	84.7	84.9	85.0
GE 1500	80.6	83.2	83.2	84.1	84.9	84.9	85.0	85.0	85.1
GE 1000	81.9	83.5	84.5	85.4	86.2	86.2	86.3	86.3	86.4
GE 1200	83.4	85.1	86.3	87.4	88.2	88.2	88.3	88.3	88.4
GE 1000	88.0	89.5	90.9	93.1	93.1	93.2	93.5	93.7	93.8
GE 900	85.0	89.7	89.3	89.5	90.4	90.5	91.1	91.2	91.3
GE 800	85.6	87.2	89.2	90.5	91.7	92.0	92.7	92.8	92.9
GE 700	86.4	88.2	90.6	91.9	93.6	93.9	94.7	94.8	94.9
GE 600	86.7	88.4	90.2	92.4	94.3	94.7	95.0	95.0	95.1
GE 500	86.7	88.5	91.0	93.0	95.1	95.1	95.7	97.0	97.4
GE 400	86.9	88.8	91.2	93.2	95.5	96.7	97.6	98.3	98.5
GE 300	86.9	88.8	91.2	93.2	95.6	96.9	97.9	98.6	99.1
GE 200	86.9	88.8	91.2	93.2	95.6	96.9	97.9	98.7	99.2
GE 100	86.9	88.8	91.2	93.2	95.6	96.9	97.9	98.7	99.2
GE 000	86.9	88.8	91.2	93.2	95.6	96.9	97.9	98.7	99.2

TOTAL NUMBER OF OBSERVATIONS 900

1 - 2 - 50

A

E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 12-14

VISIBILITY IN STATUTE MILES										
GE 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]
[illegible]	[illegible]	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
99.4	99.4	99.4	99.4	99.3	99.3	99.2	99.1	99.3	99.3	99.4
100.0	100.0	99.9	99.9	99.8	99.8	99.6	99.2	98.7	97.5	97.5
100.0	100.0	99.9	99.9	99.8	99.8	99.6	99.2	98.7	97.5	97.5
100.0	100.0	99.9	99.9	99.8	99.8	99.6	99.2	98.7	97.5	97.5

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 YEARS: 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	3	2	1	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	44.5	44.9	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.4
GE 20000	54.5	54.7	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.7
GE 18000	54.7	55.0	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.[illegible]
GE 16000	54.8	55.1	55.4	55.7	55.5	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.7
GE 14000	55.3	55.3	55.7	55.[illegible]	56.2	56.2	56.2	56.2	56.3	56.1
GE 12000	57.9	58.2	58.5	58.[illegible]	58.9	58.9	58.9	58.9	58.9	59.[illegible]
GE 10000	60.[illegible]	61.0	61.4	61.[illegible]	62.2	62.2	62.2	62.2	62.2	62.3
GE 9000	61.2	61.7	62.2	62.7	63.1	63.1	63.1	63.1	63.1	63.2
GE 8000	67.1	67.9	68.5	69.0	69.4	69.4	69.4	69.4	69.4	69.5
GE 7000	67.7	68.4	69.1	69.7	70.2	70.2	70.2	70.2	70.2	70.3
GE 6000	68.7	69.4	70.1	70.7	71.2	71.2	71.2	71.2	71.2	71.3
GE 5000	70.2	71.0	71.7	72.3	72.9	72.9	73.[illegible]	73.[illegible]	73.[illegible]	73.1
GE 4500	72.7	73.4	74.1	74.5	75.3	75.4	75.5	75.5	75.5	75.7
GE 4000	75.1	75.9	76.7	77.5	77.3	7[illegible].4	7[illegible].5	7[illegible].5	7[illegible].5	78.7
GE 3500	76.2	77.1	78.0	78.8	79.6	80.7	8[illegible].5	80.8	80.8	82.3
GE 3000	78.3	79.7	81.5	82.9	83.9	83.9	84.9	84.9	84.9	84.1
GE 2500	79.9	81.6	82.4	83.9	85.2	85.3	85.9	85.4	85.4	85.
GE 2000	80.7	82.1	83.0	84.4	85.	86.4	86.[illegible]	86.1	86.1	86.[illegible]
GE 1800	80.7	82.1	83.0	84.4	85.[illegible]	86.9	86.[illegible]	86.1	86.1	86.2
GE 1500	81.7	83.2	84.1	85.5	86.5	87.2	87.1	87.2	87.2	87.5
GE 1200	83.1	84.[illegible]	85.[illegible]	87.2	88.4	88.2	88.3	88.4	88.4	88.6
GE 1000	88.9	89.7	90.9	90.4	90.1	90.4	90.[illegible]	90.7	90.7	90.[illegible]
GE 900	89.1	89.9	91.1	90.7	91.3	91.7	91.[illegible]	91.9	91.9	92.[illegible]
GE 800	89.2	87.0	90.5	90.2	92.[illegible]	92.3	92.4	92.7	92.7	92.[illegible]
GE 700	86.1	88.0	89.6	91.4	93.3	93.7	93.[illegible]	94.[illegible]	94.3	94.1
GE 600	86.1	88.3	89.9	91.9	93.9	94.2	94.5	94.8	94.9	95.2
GE 500	86.2	88.4	90.3	92.4	94.9	95.1	95.7	95.5	95.2	95.3
GE 400	86.2	88.6	90.6	92.7	95.2	95.7	95.5	95.[illegible]	97.1	97.2
GE 300	86.2	88.6	90.6	92.7	95.4	95.9	95.[illegible]	97.7	97.1	98.6
GE 200	86.2	88.6	90.6	92.7	95.4	95.9	95.[illegible]	97.7	97.3	95.9
GE 100	86.2	88.6	90.6	92.7	95.4	95.9	95.[illegible]	97.7	97.3	95.9
GE 000	86.2	88.6	90.6	92.7	95.4	95.9	95.[illegible]	97.7	97.3	98.9

TOTAL NUMBER OF OBSERVATIONS 900

2 - 2 - 81

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN
MONTH: JUN HOURS: 15-17

VISIBILITY IN STATUTE MILES										
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	47.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
[illegible]	[illegible]	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
[illegible]	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
[illegible]	[illegible]	[illegible]	[illegible]	55.9	55.9	55.9	55.9	55.9	55.9	55.9
[illegible]	56.2	56.2	56.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1
[illegible]	[illegible]	59.0	[illegible]	59.0	59.0	59.0	59.0	59.0	59.0	59.0
[illegible]	[illegible]	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4
[illegible]	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
[illegible]	[illegible]	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7
[illegible]	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4
[illegible]	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4
[illegible]	[illegible]	[illegible]	[illegible]	73.1	73.2	73.2	73.2	73.2	73.2	73.2
[illegible]	[illegible]	[illegible]	[illegible]	73.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	73.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	80.2	[illegible]	80.3	81.0	81.0	81.0	81.0	81.0	81.0
[illegible]	[illegible]	84.0	[illegible]	84.1	84.2	84.2	84.2	84.2	84.2	84.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.7
[illegible]	[illegible]	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	[illegible]	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	[illegible]	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	[illegible]	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
[illegible]	91.9	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
[illegible]	[illegible]	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
[illegible]	93.9	94.2	94.2	94.1	94.2	94.2	94.2	94.2	94.2	94.2
[illegible]	[illegible]	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
[illegible]	[illegible]	95.0	95.2	95.3	95.4	95.4	96.4	95.4	95.4	95.4
[illegible]	[illegible]	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	98.8	97.7	98.1	98.6	98.8	98.8	99.0	99.1	99.2	99.2
[illegible]	98.8	97.7	98.3	98.9	99.2	99.2	99.6	99.7	99.8	99.8
[illegible]	[illegible]	97.7	98.3	98.9	99.3	99.3	99.7	99.8	100.0	100.0
[illegible]	[illegible]	97.7	98.3	98.9	99.3	99.3	99.7	99.8	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	45.2	47.4	47.5	47.2	47.3	48.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	54.3	56.1	56.5	57.0	57.5	57.7	57.7	57.7	57.7	57.7
GE 18000	54.9	56.2	56.7	57.1	57.7	57.5	57.5	57.5	57.5	57.
GE 16000	54.9	56.2	56.7	57.1	57.7	57.5	57.5	57.5	57.5	57.
GE 14000	55.7	57.2	57.5	57.9	58.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	58.5	59.5	60.4	60.8	61.4	61.5	61.5	61.5	61.5	61.5
GE 10000	62.5	64.3	64.9	65.4	65.9	66.0	66.0	65.1	65.1	[illegible]
GE 9000	63.5	64.5	65.4	65.9	66.5	66.5	66.5	66.7	66.7	66.
GE 8000	65.0	67.0	68.2	69.5	70.4	70.5	70.5	70.7	70.7	70.
GE 7000	67.3	69.3	70.3	70.9	71.5	72.0	72.0	72.2	72.2	72.9
GE 6000	69.9	71.0	72.3	72.7	73.5	73.5	73.5	73.9	73.9	74.1
GE 5000	71.4	73.6	74.7	75.5	75.4	75.5	75.5	75.7	75.7	75.
GE 4500	73.7	75.1	77.0	76.3	77.2	77.4	77.5	77.5	77.5	77.7
GE 4000	75.4	77.7	79.3	80.0	81.1	81.4	81.5	81.7	81.7	81.
GE 3500	77.4	79.7	81.4	82.2	83.3	83.4	83.5	83.5	83.5	84.
GE 3000	78.5	81.2	82.5	83.5	85.1	85.4	85.5	85.9	85.9	86.
GE 2500	79.4	81.7	83.5	84.5	85.1	86.4	86.5	86.9	86.9	87.1
GE 2000	79.5	81.9	83.7	84.7	85.3	86.5	87.0	87.2	87.1	87.
GE 1800	79.5	81.9	83.7	84.7	85.3	86.5	87.0	87.2	87.2	87.
GE 1500	80.1	82.4	84.3	85.3	85.9	87.2	87.5	87.9	87.9	[illegible]
GE 1200	81.2	83.5	85.5	86.7	87.4	[illegible]	88.1	88.3	88.3	[illegible]
GE 1000	81.3	83.6	86.0	87.2	88.0	89.2	89.5	89.9	89.9	90.1
GE 900	81.6	84.0	86.4	87.6	88.4	89.6	90.1	90.3	90.5	90.6
GE 800	82.0	84.4	86.9	88.3	90.0	90.3	90.7	91.0	91.0	91.2
GE 700	82.2	84.6	87.2	88.5	90.6	91.0	91.6	91.8	91.8	92.1
GE 600	82.3	84.7	87.4	89.0	90.9	91.2	92.0	92.2	92.4	92.7
GE 500	82.3	85.0	87.6	89.5	91.9	92.3	93.1	93.4	93.5	93.8
GE 400	82.3	85.3	88.1	90.0	92.5	93.3	94.2	94.7	94.9	95.1
GE 300	82.3	85.4	88.2	90.1	93.4	94.4	95.5	96.9	97.2	98.1
GE 200	82.3	85.4	88.2	90.1	93.4	94.5	95.9	97.1	97.7	98.5
GE 100	82.3	85.4	88.2	90.1	93.4	94.5	95.9	97.1	97.7	99.5
GE 000	82.3	85.4	88.2	90.1	93.4	94.5	95.9	97.1	97.7	99.5

TOTAL NUMBER OF OBSERVATIONS 898

[illegible] - [illegible] - 82

A

EFFICIENCY OF [illegible] CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: JUL HOURS: 18-20

VISIBILITY IN STATUTE MILES										
1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
[illegible]	[illegible]	65.1	65.1	[illegible]	[illegible]	65.3	65.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	70.7	70.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	72.3	72.3	72.3	72.3	[illegible]	[illegible]	72.3
[illegible]	73.9	73.9	[illegible]	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	77.7	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	81.7	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	87.1	87.1	87.1	87.1	87.1	87.1	87.1
[illegible]	87.2	87.2	[illegible]	87.4	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	[illegible]	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	[illegible]	87.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	90.1	90.1	90.1	90.1	90.1	90.1	90.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	93.1	93.4	[illegible]	[illegible]	[illegible]	[illegible]	94.0	94.1	94.1	94.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	97.1	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7
[illegible]	[illegible]	97.1	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	97.1	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

OPERATING LOCATION: "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
FROM [illegible] TO [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
EST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	0
NO CEIL	71.5	73.9	74.9	75.2	75.5	76.1	76.2	76.2	76.2	76.2	76.2
GE 20000	77.2	75.7	78.3	79.3	82.3	83.2	83.3	83.4	83.5	83.5	83.5
GE 18000	77.2	75.7	78.3	79.3	82.3	83.2	83.3	83.4	83.5	83.5	83.5
GE 16000	77.2	75.7	78.3	79.3	82.3	83.2	83.3	83.4	83.5	83.5	83.5
GE 14000	77.4	77.8	79.5	79.5	82.5	83.4	83.5	83.6	83.7	83.7	83.7
GE 12000	77.7	78.9	79.5	80.7	83.2	84.4	84.7	84.9	85.1	85.1	85.1
GE 10000	81.2	81.7	83.7	84.7	87.1	88.3	88.7	88.9	89.1	89.1	89.1
GE 9000	82.4	83.1	84.9	85.6	88.4	89.7	90.2	90.1	90.1	90.1	90.1
GE 8000	84.2	85.2	86.7	87.5	90.3	91.5	91.5	91.1	91.1	91.1	91.1
GE 7000	85.4	86.1	87.5	88.7	92.2	92.7	93.1	93.2	93.4	93.4	93.4
GE 6000	87.4	88.1	89.6	90.7	93.3	93.7	94.1	94.2	94.2	94.2	94.2
GE 5000	89.3	90.7	91.1	92.5	95.3	95.7	96.1	96.2	96.3	96.3	96.3
GE 4500	91.1	92.5	93.0	94.3	96.6	97.4	97.5	97.6	97.6	97.6	97.6
GE 4000	92.3	94.5	95.1	96.3	98.1	98.6	98.7	98.8	98.8	98.8	98.8
GE 3500	94.2	95.2	95.8	97.0	98.5	99.1	99.2	99.3	99.4	99.4	99.4
GE 3000	94.7	96.4	97.0	98.0	99.2	99.7	99.8	99.9	99.9	99.9	99.9
GE 2500	95.9	96.7	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 2000	97.1	97.2	98.4	99.1	99.1	99.7	99.8	99.9	99.9	99.9	99.9
GE 1800	97.5	97.8	98.4	99.1	99.1	99.7	99.8	99.9	99.9	99.9	99.9
GE 1500	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 1200	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 1000	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 900	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 800	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 700	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 600	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 500	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 400	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 300	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 200	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 100	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9
GE 000	97.6	97.9	98.4	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 897

[illegible] - 3 - 83

A

GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7? - JUN ?
MONTH: JUN HOURS: 21-23

VISIBILITY IN STATUTE MILES

GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
[illegible]	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
[illegible]	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
[illegible]	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
[illegible]	[illegible]	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
[illegible]	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
[illegible]	65.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
[illegible]	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4
73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.2
[illegible]	[illegible]	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.9	[illegible]	[illegible]	82.9
[illegible]	83.3	83.5	[illegible]	83.5	83.5	83.6	83.7	83.7	83.7	83.7
[illegible]	[illegible]	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.7	84.7	84.7	84.7
[illegible]	[illegible]	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
[illegible]	[illegible]	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
[illegible]	[illegible]	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
[illegible]	87.1	87.5	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7
[illegible]	87.7	88.3	88.3	88.3	88.3	[illegible]	88.4	88.4	88.4	88.4
[illegible]	[illegible]	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9
[illegible]	[illegible]	90.2	[illegible]	90.5	90.5	90.5	90.6	90.6	90.6	90.6
[illegible]	[illegible]	90.7	90.7	91.1	91.1	91.1	91.2	91.2	91.2	91.2
[illegible]	91.1	91.5	91.5	92.0	92.0	92.0	92.1	92.1	92.1	92.1
[illegible]	[illegible]	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.5	[illegible]
[illegible]	94.1	95.3	95.3	[illegible]	[illegible]	96.1	96.2	96.2	96.3	[illegible]
[illegible]	94.4	95.8	95.9	97.0	97.4	97.7	98.2	98.3	[illegible]	[illegible]
[illegible]	94.4	95.8	95.9	97.0	97.4	97.7	98.2	[illegible]	99.2	100.0
[illegible]	94.4	95.8	95.9	97.0	97.4	97.7	98.2	98.3	99.2	100.0

0 - 2 - 53

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	45.3	47.2	48.1	48.1	49.3	49.5	49.7	49.7	49.7	49.7
GE 20000	53.1	54.2	55.1	55.9	56.5	56.[illegible]	57.[illegible]	57.1	57.2	57.2
GE 18000	53.3	54.4	55.3	56.1	56.2	57.0	57.2	57.3	57.4	57.4
GE 15000	53.4	54.5	55.4	56.2	56.5	57.1	57.2	57.4	57.4	57.[illegible]
GE 14000	53.7	54.[illegible]	55.7	56.5	57.2	57.4	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]
GE 12000	55.5	56.7	57.[illegible]	58.4	59.1	59.3	59.5	59.7	59.7	59.[illegible]
GE 10000	5[illegible].7	[illegible]	61.1	62.0	62.7	63.0	63.1	63.3	63.4	63.4
GE 9000	59.2	[illegible]	61.3	62.7	63.5	63.7	63.9	64.1	64.1	64.[illegible]
GE 8000	59.2	60.7	62.1	63.1	63.7	63.9	64.[illegible]	64.7	64.7	[illegible]
GE 7000	64.2	65.7	67.2	68.2	69.2	69.4	69.7	69.8	69.8	70.2
GE 6000	69.1	70.[illegible]	71.[illegible]	69.1	73.3	73.4	73.7	73.[illegible]	73.[illegible]	73.[illegible]
GE 5000	69.9	71.5	72.2	73.3	74.3	74.5	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
GE 4500	69.3	72.2	72.9	73.2	74.2	74.5	75.3	75.4	75.5	75.[illegible]
GE 4000	70.4	74.1	74.9	75.5	75.5	76.3	77.4	77.[illegible]	77.7	77.7
GE 3500	71.7	75.6	75.5	76.2	77.1	77.5	77.9	78.2	78.5	78.4
GE 3000	73.1	77.3	77.[illegible]	77.[illegible]	79.3	79.4	80.3	81.1	81.3	81.4
GE 2500	73.7	76.5	77.7	79.3	80.	81.5	81.[illegible]	82.3	82.[illegible]	82.5
GE 2000	74.5	76.2	7[illegible].5	80.9	81.9	82.1	82.[illegible]	83.2	83.1	83.2
GE 1500	74.7	76.4	78.5	80.2	81.2	82.3	83.[illegible]	83.1	83.2	83.[illegible]
GE 1000	77.2	77.2	79.3	81.6	82.7	83.2	83.7	84.2	84.3	84.3
GE 1200	76.3	7[illegible].4	80.7	82.5	84.2	84.[illegible]	85.[illegible]	85.7	85.[illegible]	85.[illegible]
GE 1000	76.3	77.9	81.4	83.8	85.1	85.7	86.[illegible]	86.7	86.[illegible]	87.
GE 900	77.4	79.5	82.1	84.1	85.9	86.5	87.2	87.5	87.[illegible]	87.[illegible]
GE 800	77.3	80.1	82.5	84.9	87.5	87.7	88.4	88.[illegible]	88.[illegible]	88.1
GE 700	78.2	80.3	83.4	85.5	88.2	88.7	89.2	89.5	89.1	89.3
GE 600	78.5	80.9	84.2	86.3	89.3	89.9	90.7	91.2	91.5	91.7
GE 500	78.5	81.1	84.3	86.9	89.9	90.5	91.[illegible]	92.4	92.7	92.9
GE 400	78.7	81.2	84.7	87.4	90.7	91.3	93.1	93.[illegible]	94.3	94.5
GE 300	78.7	81.3	84.8	87.5	91.3	92.7	94.2	95.[illegible]	96.[illegible]	96.7
GE 200	78.7	81.3	84.8	87.7	91.5	92.[illegible]	94.4	95.9	96.5	97.4
GE 100	78.7	81.3	84.8	87.7	91.5	92.5	94.4	95.9	96.5	97.4
GE 000	78.7	81.3	84.8	87.7	91.5	92.5	94.4	95.9	96.5	97.4

TOTAL NUMBER OF OBSERVATIONS 7195

A

1 - 3 - 5[illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: JUN HOURS: ALL

VISIBILITY IN STATUTE MILES										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	45.7	45.7	45.7	49.8	49.8	49.8	49.8	49.8	49.8
[illegible]	57.4	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
57.3	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
57.1	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
57.4	57.4	57.2	57.2	57.2	57.3	57.3	57.3	57.2	57.2	57.3
[illegible]	59.5	59.7	59.7	59.[illegible]	59.8	59.8	59.8	59.8	59.8	59.8
[illegible]	53.1	53.4	53.4	53.4	53.4	53.4	53.5	53.5	[illegible]	53.5
54.7	54.7	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.4
[illegible]	[illegible]	59.7	59.7	[illegible]	[illegible]	59.6	[illegible]	[illegible]	[illegible]	59.1
72.4	72.7	72.2	72.2	72.2	72.2	72.2	72.1	72.1	72.1	72.2
71.4	72.7	71.8	71.8	71.8	71.8	71.8	71.1	71.1	71.1	71.2
73.[illegible]	73.[illegible]	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5
74.[illegible]	75.[illegible]	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
[illegible]	77.4	77.7	77.7	77.7	77.7	77.7	77.4	77.4	77.3	77.3
[illegible]	79.2	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.7
[illegible]	[illegible]	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.7	81.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	83.1	83.2	83.2	83.2	83.3	83.3	[illegible]	83.3
[illegible]	[illegible]	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.6
[illegible]	83.7	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5
[illegible]	[illegible]	85.7	[illegible]	85.8	85.8	85.8	85.1	85.1	85.1	86.3
[illegible]	[illegible]	85.7	85.4	87.0	87.0	87.0	87.1	7.1	87.1	87.3
[illegible]	87.4	87.5	87.[illegible]	87.2	87.3	87.3	[illegible]	[illegible]	[illegible]	88.2
87.7	[illegible]	[illegible]	89.2	89.1	89.1	89.1	89.2	89.2	89.2	89.4
[illegible]	[illegible]	90.2	90.1	90.2	90.4	90.4	90.5	90.5	90.5	90.5
[illegible]	91.7	91.2	91.6	91.7	91.8	91.8	91.[illegible]	91.2	91.2	92.0
[illegible]	91.[illegible]	92.4	92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.3
94.[illegible]	[illegible]	93.[illegible]	94.[illegible]	94.6	94.[illegible]	94.[illegible]	94.[illegible]	95.3	95.1	95.2
97.7	96.2	96.5	96.3	95.7	97.3	97.3	97.3	97.4	97.5	97.7
97.[illegible]	96.4	95.9	96.5	97.4	97.9	98.0	98.6	98.7	98.9	99.2
[illegible]	96.4	95.9	96.6	97.4	98.0	98.0	98.6	98.6	99.3	99.9
[illegible]	96.4	95.9	96.6	97.4	98.0	98.0	98.6	98.[illegible]	99.3	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: [illegible] AFB NC

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	49.9	50.6	51.9	53.5	55.0	55.3	55.7	57.[illegible]	57.[illegible]	57.1
GE 20000	53.3	52.4	57.2	59.5	62.4	62.7	63.3	63.3	63.3	63.4
GE 18000	53.3	52.4	57.2	59.5	62.4	62.7	63.3	63.3	63.3	63.4
GE 16000	53.3	52.4	57.2	59.5	62.4	62.7	63.3	63.3	63.3	63.4
GE 14000	53.5	55.6	57.4	59.7	62.9	62.9	63.2	63.2	63.2	63.7
GE 12000	55.1	57.1	59.9	61.9	64.2	64.5	64.5	65.2	65.2	65.[illegible]
GE 10000	57.4	61.0	63.3	65.4	68.2	[illegible]	[illegible]	69.2	[illegible]	[illegible]
GE 9000	59.3	61.2	63.2	65.5	68.5	69.6	69.1	69.[illegible]	[illegible]	[illegible]
GE 8000	61.5	64.2	66.2	68.6	71.[illegible]	72.2	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]
GE 7000	62.6	65.1	67.1	69.5	72.7	73.0	73.3	73.7	73.7	73.[illegible]
GE 6000	63.7	66.2	68.5	71.1	74.3	74.5	74.9	75.3	75.3	75.[illegible]
GE 5000	65.2	[illegible]	70.3	72.9	76.[illegible]	76.7	77.[illegible]	77.9	77.9	77.4
GE 4800	66.1	[illegible]	71.2	74.0	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
GE 4000	67.6	70.8	72.7	75.[illegible]	79.4	79.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	67.7	70.8	73.1	75.9	79.9	80.1	80.5	81.0	81.0	81.1
GE 3000	[illegible]	71.8	74.2	77.0	80.9	81.4	81.9	82.4	82.4	[illegible]
GE 2500	69.7	72.8	75.1	77.1	82.9	82.4	83.1	83.7	83.7	[illegible]
GE 2000	69.9	72.7	75.3	77.5	82.8	82.[illegible]	83.3	83.9	83.[illegible]	[illegible]
GE 1800	69.4	72.7	75.3	78.3	82.3	82.5	[illegible]	83.9	83.7	[illegible]
GE 1500	70.0	73.1	75.[illegible]	78.[illegible]	83.0	83.2	84.1	84.2	84.2	[illegible]
GE 1200	70.4	73.2	75.9	79.[illegible]	83.1	83.7	84.3	84.7	84.7	[illegible]
GE 1000	70.8	73.8	76.2	79.[illegible]	83.3	83.9	84.4	84.4	84.9	[illegible]
GE 900	70.[illegible]	73.4	76.3	79.5	83.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	71.2	73.9	76.7	79.9	84.2	84.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	71.2	74.4	77.5	80.5	84.9	85.5	86.[illegible]	86.[illegible]	86.[illegible]	86.7
GE 600	71.3	74.5	77.5	81.1	85.5	86.2	86.9	87.3	87.9	87.4
GE 500	71.5	75.1	78.2	81.9	87.0	87.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	72.3	75.7	79.3	82.8	88.1	89.0	[illegible]	90.[illegible]	90.[illegible]	91.[illegible]
GE 300	72.4	75.9	79.9	82.9	88.5	89.5	90.3	91.2	91.3	92.2
GE 200	72.4	75.9	79.2	83.1	88.7	89.3	90.[illegible]	91.[illegible]	92.[illegible]	93.4
GE 100	72.4	75.9	79.2	83.1	88.7	89.8	90.[illegible]	91.9	92.3	93.[illegible]
GE 000	72.4	75.9	79.2	83.1	88.7	89.9	90.3	91.9	92.3	93.

TOTAL NUMBER OF OBSERVATIONS 980

9 - 3 - 69

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION

PERIOD OF RECORD: JUL 79 - JUN 8[illegible]
MONTH: JUL HOURS: 00-02

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	1 1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	57.[illegible]	57.0	57.1	57.4	57.4	57.4	57.4	57.4	58.0
[illegible]	[illegible]	63.8	63.3	63.4	63.[illegible]	63.[illegible]	63.[illegible]	[illegible]	[illegible]	64.5
[illegible]	63.[illegible]	63.3	63.3	63.4	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	[illegible]	64.5
[illegible]	[illegible]	63.3	63.3	63.4	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	[illegible]	64.5
[illegible]	[illegible]	63.[illegible]	63.[illegible]	63.7	64.0	64.[illegible]	64.[illegible]	64.0	64.1	64.7
[illegible]	[illegible]	65.2	65.2	65.3	65.5	65.5	65.5	65.5	65.7	66.3
[illegible]	[illegible]	69.2	69.2	69.4	69.7	69.7	69.7	69.7	[illegible]	70.4
[illegible]	69.1	[illegible]	[illegible]	[illegible]	69.9	69.9	69.9	69.9	[illegible]	70.5
[illegible]	[illegible]	[illegible]	[illegible]	72.3	73.2	73.2	73.2	73.2	[illegible]	74.0
[illegible]	73.3	73.7	73.7	73.[illegible]	74.1	74.1	74.1	74.1	74.2	74.6
[illegible]	74.3	75.5	75.5	75.[illegible]	75.7	75.7	75.7	75.7	75.[illegible]	76.5
[illegible]	[illegible]	77.2	77.3	77.4	77.7	77.7	77.7	77.7	[illegible]	78.0
[illegible]	[illegible]	[illegible]	[illegible]	79.0	79.4	79.4	79.4	79.4	[illegible]	80.1
[illegible]	[illegible]	[illegible]	[illegible]	80.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.0
[illegible]	[illegible]	81.0	81.2	81.1	81.4	81.4	81.4	81.4	81.5	82.2
1.4	1.9	[illegible]	82.4	82.5	[illegible]	82.5	[illegible]	[illegible]	[illegible]	83.5
[illegible]	[illegible]	85.7	83.7	83.[illegible]	84.1	84.1	84.1	84.1	84.2	84.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.3	84.3	84.3	84.3	[illegible]	85.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.3	84.[illegible]	84.7	[illegible]	84.4	85.1
[illegible]	[illegible]	[illegible]	84.[illegible]	84.7	85.1	85.1	85.1	85.1	[illegible]	85.[illegible]
[illegible]	[illegible]	84.7	84.7	84.[illegible]	85.2	85.2	85.2	85.2	85.3	85.9
[illegible]	86.4	86.4	86.[illegible]	86.1	86.4	86.4	86.4	86.4	86.5	86.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.6	86.[illegible]	86.[illegible]	86.[illegible]	[illegible]	86.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.2	86.3	86.3	86.3	86.3	87.1
[illegible]	[illegible]	[illegible]	86.[illegible]	86.7	87.0	87.1	87.1	87.1	87.2	87.[illegible]
[illegible]	[illegible]	87.3	87.[illegible]	87.4	87.7	87.3	87.[illegible]	87.[illegible]	[illegible]	88.6
87.7	[illegible]	[illegible]	[illegible]	[illegible]	89.5	89.6	89.6	89.6	89.7	90.3
[illegible]	[illegible]	90.6	[illegible]	91.0	91.4	91.5	91.5	91.5	91.6	92.3
[illegible]	[illegible]	91.2	91.3	92.3	92.[illegible]	92.9	93.1	93.1	93.2	93.[illegible]
[illegible]	[illegible]	91.[illegible]	92.2	93.4	94.3	94.5	95.2	95.4	[illegible]	97.3
[illegible]	[illegible]	91.9	92.3	93.8	94.5	94.9	96.0	96.2	97.[illegible]	99.9
[illegible]	[illegible]	91.9	92.3	93.[illegible]	94.5	94.9	96.0	96.2	97.[illegible]	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE FOR [illegible]
USAFETAC, ASHEVILLE, NC [illegible] MONTHLY [illegible] VALUES

STATION NUMBER: 72[illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	41.5	42.9	44.5	46.0	48.3	49.1	49.7	50.1	[illegible]	[illegible]
GE 20000	44.4	[illegible]	[illegible]	53.1	52.7	53.5	[illegible]	53.4	[illegible]	[illegible]
GE 15000	45.3	45.9	[illegible]	50.4	53.6	54.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	45.3	46.9	48.4	50.4	53.1	54.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 13000	45.5	47.1	48.2	50.2	53.4	54.5	55.4	55.1	[illegible]	[illegible]
GE 12000	47.2	[illegible]	[illegible]	52.5	55.2	56.2	57.1	[illegible]	[illegible]	[illegible]
GE 11000	50.4	52.3	54.2	56.5	59.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	52.5	54.5	56.5	59.5	60.5	61.5	62.4	[illegible]	[illegible]
GE 9000	53.2	55.4	57.4	59.9	62.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	55.5	57.4	[illegible]	62.4	65.2	66.7	67.5	[illegible]	[illegible]	[illegible]
GE 6000	55.3	[illegible]	61.5	64.2	67.1	[illegible]	68.7	70.2	71.1	71.3
GE 5000	57.3	[illegible]	62.7	[illegible]	[illegible]	73.3	71.4	72.5	[illegible]	73.5
GE 4500	[illegible]	59.3	64.1	67.3	70.5	72.2	73.1	74.2	74.[illegible]	75.1
GE 4000	59.7	63.1	66.7	70.5	73.5	74.2	75.9	77.2	77.5	77.[illegible]
GE 3500	62.2	64.7	[illegible]	71.1	75.2	75.7	77.7	75.5	79.2	79.7
GE 3000	62.4	64.9	69.7	72.9	75.4	76.9	78.1	79.2	79.7	[illegible]
GE 2500	62.4	65.5	69.2	72.5	75.9	77.4	[illegible]	74.5	[illegible]	[illegible]
GE 2000	63.2	[illegible]	69.6	72.9	76.2	77.7	[illegible]	80.1	[illegible]	[illegible]
GE 1800	63.2	[illegible]	[illegible]	72.4	76.2	77.7	[illegible]	80.1	[illegible]	81.[illegible]
GE 1500	63.4	[illegible]	[illegible]	73.5	76.9	78.4	79.4	[illegible]	81.2	81.7
GE 1200	63.5	66.5	70.1	73.9	77.3	78.9	[illegible]	81.3	81.7	[illegible]
GE 1000	63.5	[illegible]	73.1	73.9	77.3	[illegible]	[illegible]	81.5	81.7	[illegible]
GE 900	63.5	66.6	73.4	74.3	77.7	79.2	[illegible]	81.7	82.2	82.7
GE 800	64.0	[illegible]	73.5	74.5	78.0	79.5	[illegible]	81.3	82.4	[illegible]
GE 700	64.4	67.2	71.1	74.9	78.5	80.1	81.4	82.5	83.0	83.5
GE 600	64.9	67.7	71.[illegible]	74.1	80.0	81.5	82.9	84.1	84.5	85.1
GE 500	65.4	68.2	72.4	76.9	81.0	82.5	84.3	85.[illegible]	86.9	86.9
GE 400	65.4	68.3	72.5	77.1	81.7	83.3	85.5	87.3	87.7	88.5
GE 300	65.4	68.3	72.5	77.5	82.4	84.3	86.7	88.9	89.4	90.2
GE 200	65.4	68.3	72.5	77.5	82.5	84.9	86.[illegible]	89.1	89.[illegible]	91.1
GE 100	65.4	68.3	72.5	77.5	82.5	84.9	86.5	89.1	89.9	91.1
GE 000	65.4	68.3	72.5	77.5	82.5	84.9	86.[illegible]	89.1	89.[illegible]	91.1

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] - 2 - [illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUL HOURS: 03-05

VISIBILITY IN STATUTE MILES										
[illegible]	[illegible]	3	02	56	60	68	3[illegible]	[illegible]	02	04
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible].1	49.7	53.1	56.5	59.5	59.9	59.5	59.9	61.1	61.1	61.4
[illegible]	[illegible]	53.4	55.[illegible]	56.3	56.1	55.1	55.2	55.9	55.5	57.2
[illegible].1	[illegible]	53.7	55.1	56.3	56.3	55.5	55.2	55.3	55.5	57.5
[illegible]	[illegible]	53.3	55.9	56.3	56.5	55.5	55.7	55.9	55.9	57.5
[illegible]	53.4	55.1	56.[illegible]	56.2	56.9	56.3	57.3	57.2	57.3	58.0
[illegible]	57.1	57.[illegible]	58.[illegible]	58.5	57.6	57.5	58.7	58.9	58.9	59.7
[illegible]	61.[illegible]	62.5	62.[illegible]	62.7	62.9	62.[illegible]	62.9	63.1	63.1	63.9
[illegible]	61.3	62.4	62.[illegible]	63.9	63.2	63.2	63.4	63.7	63.7	64.4
[illegible].2	63.2	65.1	65.6	66.3	67.3	67.3	67.2	67.4	67.4	68.2
[illegible].7	67.3	69.3	69.3	69.2	69.5	69.5	69.7	69.9	69.9	70.6
[illegible]	69.7	70.9	71.2	71.5	71.7	71.7	71.9	72.9	72.2	72.9
[illegible]	71.4	72.5	72.5	73.3	73.5	73.5	73.5	74.2	74.3	74.7
[illegible]	73.1	74.9	74.[illegible]	75.1	75.3	75.9	75.5	75.7	75.7	75.5
[illegible]	75.3	77.2	77.4	77.[illegible]	77.1	77.1	77.3	77.5	77.5	79.2
[illegible].7	77.7	79.5	79.2	79.7	79.9	79.9	80.1	80.3	80.3	81.1
[illegible]	79.1	79.[illegible]	79.7	80.1	80.3	80.5	80.5	80.[illegible]	80.9	81.5
[illegible]	[illegible]	81.5	82.2	82.5	82.4	82.9	81.1	81.3	81.3	82.3
[illegible]	[illegible]	81.3	82.[illegible]	82.[illegible]	81.2	81.2	81.4	81.5	81.5	82.4
[illegible].7	[illegible]	83.1	83.5	81.9	81.2	81.2	81.4	81.5	81.5	82.4
[illegible]	79.4	83.[illegible]	81.3	81.7	81.9	81.9	82.2	82.4	82.4	83.1
[illegible]	[illegible]	81.3	81.7	82.3	82.5	82.5	82.7	82.9	82.9	83.7
[illegible]	[illegible].1	81.5	81.7	82.3	82.5	82.5	82.7	[illegible]	[illegible]	83.7
[illegible]	[illegible]	81.7	82.2	82.7	82.9	82.9	83.1	83.3	83.3	84.1
[illegible]	[illegible]	81.3	82.4	83.9	83.1	83.1	83.3	83.5	83.5	84.3
[illegible].1	1.4	82.[illegible]	83.3	83.5	83.8	83.9	84.0	84.2	84.2	84.9
1.[illegible]	[illegible]	84.1	84.5	85.1	85.3	85.3	85.5	85.7	85.7	86.5
[illegible]	86.3	85.[illegible]	86.2	86.9	87.2	87.2	87.4	87.[illegible]	87.7	88.5
[illegible]	[illegible]	87.3	87.7	88.5	88.8	88.9	89.0	89.2	89.4	90.1
4.[illegible]	[illegible].7	88.9	89.4	90.2	90.8	90.9	91.1	91.3	91.7	92.5
[illegible]	[illegible]	89.1	89.8	91.1	91.9	92.0	92.[illegible]	93.0	94.5	96.0
[illegible]	[illegible]	89.1	89.9	91.1	92.3	92.4	93.2	93.7	95.0	99.6
[illegible]	[illegible]	89.1	89.[illegible]	91.1	92.3	92.4	93.2	93.[illegible]	95.1	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
[illegible] JANUARY [illegible] 7ATIONS

STATION NUMBER: 723256 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	43.9	41.6	44.5	45.4	46.5	47.1	47.1	49.7	[illegible]	[illegible]
GE 20000	45.4	47.3	51.2	53.3	55.2	[illegible]	[illegible]	57.[illegible]	57.[illegible]	[illegible]
GE 15000	45.1	46.1	52.0	54.9	57.1	57.6	57.7	[illegible]	[illegible]	[illegible]
GE 15000	45.1	46.1	52.0	54.9	57.9	57.7	57.[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	46.5	[illegible]	52.[illegible]	54.[illegible]	57.6	58.2	[illegible]	58.4	[illegible]	[illegible]
GE 12000	47.1	51.1	55.2	57.4	60.4	61.3	61.1	61.7	[illegible]	[illegible]
GE 10000	51.7	[illegible]	[illegible]	63.[illegible]	65.[illegible]	64.4	64.[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	51.7	53.9	56.3	61.2	64.3	64.9	65.5	66.1	[illegible]	[illegible]
GE 8000	[illegible]	57.4	62.4	65.4	68.9	69.1	69.7	70.[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	64.1	67.3	70.4	71.1	71.5	72.4	72.7	[illegible]
GE 6000	57.6	59.9	[illegible]	68.5	71.[illegible]	72.9	73.[illegible]	75.[illegible]	74.1	74.3
GE 5000	54.4	61.7	67.1	70.[illegible]	74.2	74.[illegible]	75.[illegible]	75.1	[illegible]	[illegible]
GE 4500	[illegible]	62.9	[illegible]	72.4	75.9	75.[illegible]	77.1	77.[illegible]	[illegible]	[illegible]
GE 4000	61.[illegible]	64.9	70.2	74.2	77.9	79.5	79.[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	62.4	65.1	71.[illegible]	75.1	7[illegible]	83.[illegible]	83.2	81.[illegible]	81.2	81.[illegible]
GE 3000	62.5	65.5	71.[illegible]	75.[illegible]	79.9	[illegible]	81.2	81.4	[illegible]	[illegible]
GE 2500	63.7	66.7	71.[illegible]	75.9	80.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	63.7	66.[illegible]	72.0	76.3	80.4	81.1	81.7	[illegible]	[illegible]	[illegible]
GE 1500	63.9	66.9	72.3	76.6	80.6	81.3	81.9	82.7	83.9	83.[illegible]
GE 1500	63.4	66.6	72.3	77.1	81.2	81.9	82.[illegible]	83.3	83.7	83.[illegible]
GE 1200	63.7	66.6	73.[illegible]	77.3	81.4	82.3	82.9	83.7	84.3	84.1
GE 1000	64.9	67.1	73.3	77.6	81.7	82.6	83.2	84.1	84.4	84.[illegible]
GE 900	64.9	67.7	74.0	78.3	82.4	83.2	83.9	84.7	85.1	85.2
GE 800	64.7	67.9	74.2	78.6	82.7	83.6	84.4	85.3	85.7	85.[illegible]
GE 700	64.[illegible]	68.1	74.6	79.2	83.4	84.4	85.1	85.9	86.3	86.5
GE 600	64.9	68.2	74.9	79.9	84.1	85.2	85.9	86.7	87.1	87.2
GE 500	65.2	68.7	75.3	80.2	84.5	85.7	86.3	87.4	87.[illegible]	88.[illegible]
GE 400	65.2	68.6	75.9	80.9	85.3	86.7	87.7	88.7	89.1	89.4
GE 300	65.2	68.6	75.9	81.1	85.5	87.5	88.9	91.5	92.3	93.6
GE 200	65.2	68.6	75.9	81.2	85.5	87.6	89.2	91.6	92.5	93.7
GE 100	65.2	68.6	75.9	81.2	85.5	87.6	89.0	91.6	92.7	93.7
GE 000	65.2	68.6	75.9	81.2	85.5	87.6	89.0	91.6	92.5	93.7

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] - [illegible] - 87

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: JUL HOURS: 06-[illegible]

CEILING IN STATUTE MILES										
[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	49.7	[illegible]	[illegible]	59.1	59.1	59.1	59.1	59.1	59.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.0
[illegible]	[illegible]	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	59.5
[illegible]	61.1	61.7	[illegible]	[illegible]	62.2	62.2	62.2	62.2	62.2	62.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.7	66.7	66.7	66.7	66.7	66.9
[illegible]	71.7	73.[illegible]	[illegible]	[illegible]	70.0	70.0	70.[illegible]	70.[illegible]	[illegible]	71.1
1.2	71.5	72.4	72.7	72.[illegible]	72.9	72.9	72.9	72.9	72.9	73.1
[illegible]	[illegible]	[illegible]	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.5
[illegible]	[illegible]	75.1	[illegible]	75.6	75.7	75.7	75.7	75.7	75.7	76.9
[illegible]	77.1	77.[illegible]	[illegible]	77.5	78.4	78.4	78.4	78.4	78.4	78.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	81.2	81.[illegible]	81.[illegible]	81.[illegible]	81.5	81.5	81.5	81.5	81.5	81.7
[illegible]	[illegible]	[illegible]	[illegible]	82.4	82.5	82.5	82.5	82.5	82.5	82.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.7	82.7	82.7	82.7	82.7	82.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.0	83.0	83.0	83.0	83.0	83.2
[illegible]	[illegible]	[illegible]	[illegible]	83.1	83.2	83.2	83.2	83.2	83.2	83.4
[illegible]	[illegible]	83.8	83.7	[illegible]	83.9	83.9	83.9	83.9	83.9	84.1
[illegible]	[illegible]	83.7	[illegible]	84.1	84.2	84.2	84.2	84.2	84.2	84.4
[illegible]	[illegible]	84.1	[illegible]	[illegible]	84.5	84.5	84.5	84.5	[illegible]	84.8
[illegible]	[illegible]	84.7	85.1	85.2	85.3	85.3	85.3	85.3	[illegible]	85.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.9	85.9	[illegible]	[illegible]	[illegible]	86.1
[illegible]	[illegible]	86.2	86.5	[illegible]	86.6	86.6	86.6	86.6	86.6	86.8
[illegible]	[illegible]	86.7	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.5
[illegible]	[illegible]	87.4	[illegible]	[illegible]	88.2	88.2	[illegible]	[illegible]	[illegible]	88.4
[illegible]	87.7	88.7	89.1	89.4	91.0	91.0	91.0	91.0	91.0	91.2
[illegible]	[illegible]	91.5	92.2	93.0	93.9	94.0	94.1	94.1	94.3	94.5
[illegible]	[illegible]	91.5	92.5	93.7	95.2	95.6	95.[illegible]	97.8	[illegible]	95.5
[illegible]	[illegible]	91.6	92.5	93.7	95.3	95.7	97.0	97.[illegible]	[illegible]	100.0
[illegible]	[illegible]	91.6	92.5	93.7	95.3	95.7	97.0	97.4	[illegible]	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726056 STATION NAME: PEASE AFB NH PERIOD OF RECORD: 1955-1[illegible]
LST TIMEZONE: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	47.3	49.5	51.[illegible]	52.5	53.1	53.1	53.3	53.3	53.3	53.3
GE 20000	53.7	56.2	59.[illegible]	59.9	60.6	59.9	60.9	60.9	60.9	60.9
GE 18000	54.3	56.9	59.7	60.9	61.3	61.3	61.[illegible]	61.3	61.3	61.3
GE 16000	54.4	57.0	59.[illegible]	60.6	61.4	61.4	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]
GE 14000	54.9	57.6	60.5	61.5	62.2	62.2	62.4	62.4	62.4	62.4
GE 12000	55.9	57.9	61.[illegible]	62.9	63.4	63.4	63.7	63.7	63.7	63.7
GE 10000	56.9	58.1	62.0	63.2	63.9	63.9	63.9	63.9	63.9	63.9
GE 9000	59.4	63.7	67.0	69.9	69.9	69.9	69.7	69.7	69.7	69.7
GE 8000	64.4	67.9	72.3	73.7	74.3	74.3	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]
GE 7000	64.9	68.5	72.9	75.5	74.9	74.9	75.2	75.2	75.2	75.2
GE 6000	67.4	70.9	73.3	74.9	75.5	75.5	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
GE 5000	69.9	74.4	75.1	76.7	77.4	77.4	77.5	77.[illegible]	77.[illegible]	77.[illegible]
GE 4500	70.7	71.3	75.3	77.9	77.3	77.4	77.5	77.5	77.5	77.5
GE 4000	70.9	72.4	77.2	79.[illegible]	79.7	79.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	70.9	74.9	79.[illegible]	80.1	81.0	81.1	81.9	81.9	81.9	81.9
GE 3000	70.[illegible]	74.7	79.9	81.9	83.[illegible]	83.2	83.[illegible]	83.[illegible]	83.[illegible]	83.7
GE 2500	70.9	74.[illegible]	80.3	82.0	83.0	83.4	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]
GE 2000	71.3	75.3	80.4	82.6	83.1	84.1	84.4	84.4	84.4	84.[illegible]
GE 1500	71.3	75.3	80.4	82.6	83.9	84.2	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]
GE 1000	71.9	75.1	81.3	83.5	84.9	85.4	85.7	85.7	85.7	85.[illegible]
GE 1200	72.[illegible]	77.9	82.4	84.7	85.2	86.7	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]
GE 1000	73.9	78.0	83.1	85.[illegible]	87.7	88.2	88.[illegible]	88.[illegible]	88.[illegible]	88.7
GE 900	73.9	78.3	84.1	86.3	89.0	89.5	89.[illegible]	89.9	89.9	89.[illegible]
GE 800	74.2	79.2	84.4	87.2	89.5	90.0	90.4	90.[illegible]	90.[illegible]	90.[illegible]
GE 700	74.5	79.8	85.1	87.5	90.2	91.[illegible]	91.2	91.[illegible]	91.[illegible]	91.7
GE 600	74.[illegible]	80.1	85.5	88.6	91.4	91.[illegible]	92.4	92.7	93.[illegible]	93.1
GE 500	75.1	80.6	86.2	89.5	92.6	93.1	93.1	94.7	95.1	95.[illegible]
GE 400	75.2	80.8	85.5	89.9	93.3	94.2	95.6	96.5	97.2	97.5
GE 300	75.2	80.8	85.5	89.9	93.3	94.2	95.9	97.2	97.[illegible]	98.7
GE 200	75.2	80.8	85.5	89.[illegible]	93.3	94.2	95.9	97.4	98.[illegible]	99.1
GE 100	75.2	80.8	85.5	89.9	93.3	94.2	95.9	97.4	98.[illegible]	99.1
GE 000	75.2	80.8	85.5	89.9	93.3	94.2	95.9	97.4	98.2	99.1

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] - 2 - [illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 09-11

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	5
	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	94.1	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	96.5	96.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	97.4	97.2	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9
	98.9	97.4	99.2	99.1	99.4	99.5	99.5	99.5	99.5	99.5
	98.9	97.4	99.2	99.1	99.4	99.5	99.5	99.5	99.5	100.0
	98.9	97.4	99.2	99.1	99.4	99.5	99.5	99.5	99.5	100.0

5

OPERATING LOCATION "WAW" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC [illegible] HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: [illegible] AFB, NC [illegible]
LST TO UTC: + 5 STATION: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 1/2	GE 1/4	GE 0
NO CEIL	45.6	45.7	45.[illegible]	50.4	50.5	50.6	50.7	50.8	50.9	50.9
GE 20000	52.4	61.1	62.9	63.5	63.9	63.9	63.9	63.9	63.9	63.9
GE 15000	52.4	61.1	62.9	63.5	63.9	63.9	63.9	63.9	63.9	63.9
GE 15000	52.4	61.1	62.9	63.5	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	53.0	61.7	63.5	64.2	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000	60.4	63.3	65.4	66.0	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	66.9	70.1	70.6	71.1	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	69.[illegible]	70.7	71.4	72.0	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	69.8	72.4	74.3	75.6	76.1	76.1	76.1	76.1	76.1	76.1
GE 7000	69.3	72.5	75.1	76.[illegible]	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	69.9	73.4	75.2	77.3	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	71.2	74.7	77.1	79.2	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	71.[illegible]	75.2	77.5	79.7	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	72.[illegible]	75.5	78.9	81.1	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	74.3	7[illegible].8	82.5	83.9	84.[illegible]	84.9	85.1	85.1	85.1	85.1
GE 3000	75.[illegible]	81.2	84.[illegible]	86.2	87.2	87.3	87.5	87.5	87.5	87.5
GE 2500	77.3	81.[illegible]	85.5	87.0	88.7	88.1	88.9	88.2	88.2	88.7
GE 2000	78.4	82.9	85.8	88.3	89.5	89.8	90.1	90.1	90.1	90.1
GE 1500	77.7	83.2	87.1	89.5	90.9	91.3	91.5	91.5	91.5	91.5
GE 1000	79.2	85.5	87.7	89.4	91.0	91.3	91.5	91.5	91.5	91.5
GE 1200	80.2	84.7	87.7	90.3	91.9	92.3	92.5	92.5	92.5	92.5
GE 1000	80.3	84.9	87.9	90.5	92.4	92.7	93.0	93.0	93.0	93.0
GE 900	80.6	85.3	88.2	91.0	92.3	93.3	93.[illegible]	93.4	93.9	93.9
GE 800	80.6	85.7	89.7	91.5	93.7	94.5	94.9	95.5	95.6	95.6
GE 700	80.6	85.[illegible]	89.[illegible]	91.6	93.[illegible]	94.7	95.2	95.[illegible]	95.[illegible]	95.[illegible]
GE 600	81.2	86.3	90.3	92.3	94.3	95.5	96.3	96.7	96.7	96.7
GE 500	81.4	86.7	90.6	92.8	95.4	96.[illegible]	97.2	96.[illegible]	97.2	96.2
GE 400	81.4	86.7	90.6	92.8	95.5	96.9	97.[illegible]	97.0	97.2	99.4
GE 300	81.4	86.7	90.6	92.9	95.6	97.0	97.1	99.2	99.5	99.5
GE 200	81.4	86.7	90.6	92.9	95.6	97.0	97.1	99.2	99.5	99.5
GE 100	81.4	86.7	90.6	92.9	95.6	97.0	97.1	99.2	99.5	99.5
GE 000	81.4	86.7	90.6	92.9	95.6	97.0	97.1	99.2	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JUL HOURS: 12-14

VISIBILITY IN STATUTE MILES										
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.8
[illegible]	[illegible]	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

OPERATING LOCATION "A" PERCENTAGE F[illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO GMT: + 5 [illegible]

CEILING IN FEET	7	[illegible]	[illegible]	4	3	2 1/2	[illegible]	1 1/2	1 1/4	1
NO CEIL	47.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	51.2	51.7	51.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	57.1	[illegible]	51.2	51.5	52.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	57.7	[illegible]	[illegible]	[illegible]	52.9	52.9	52.9	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	64.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL [illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: JUL HOURS: 15-17

VISIBILITY IN STATUTE MILES										
1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
[illegible]	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
[illegible]	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
[illegible]	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
[illegible]	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
[illegible]	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
[illegible]	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
[illegible]	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
[illegible]	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
[illegible]	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
[illegible]	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
[illegible]	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
[illegible]	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
[illegible]	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
[illegible]	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
[illegible]	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
[illegible]	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
[illegible]	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
[illegible]	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
[illegible]	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
[illegible]	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
[illegible]	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
[illegible]	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	97.3	97.3	97.3	97.3	97.3	97.3	97.3	100.0	100.0	100.0
[illegible]	97.3	97.3	97.3	97.3	97.3	97.3	97.3	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
[illegible] HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	42.7	44.2	45.4	45.4	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	52.5	54.3	55.2	55.1	52.1	53.1	53.4	53.4	[illegible]	[illegible]
GE 14000	52.5	54.4	56.3	56.2	53.2	53.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	52.5	54.4	56.3	56.2	53.2	53.2	53.2	[illegible]	[illegible]	53.2
GE 14000	[illegible]	[illegible]	57.5	57.5	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	55.5	57.7	59.5	62.2	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	53.4	61.2	63.7	66.5	68.2	68.2	68.2	68.2	68.2	68.2
GE 9000	55.3	61.2	64.3	69.7	69.5	69.7	70.5	70.5	70.5	70.5
GE 8000	55.5	64.5	67.0	71.7	75.1	75.2	75.5	75.7	75.7	75.7
GE 7000	56.5	67.1	72.2	72.9	75.5	75.5	75.5	75.5	75.5	75.5
GE 6000	64.1	69.9	71.1	73.1	77.3	77.5	77.5	77.5	77.5	77.5
GE 5000	65.9	69.1	72.5	75.3	75.3	75.1	75.5	75.5	75.5	75.7
GE 4500	67.5	71.5	74.2	75.7	80.3	80.3	80.3	80.3	80.3	81.1
GE 4000	67.3	72.2	75.3	77.4	82.2	82.2	82.2	[illegible]	[illegible]	84.1
GE 3500	71.5	74.5	77.7	80.3	85.5	85.5	85.5	85.5	85.5	[illegible]
GE 3000	73.9	76.1	79.3	81.5	85.5	85.5	85.5	85.5	85.5	[illegible]
GE 2500	71.2	75.4	78.7	82.2	86.2	86.5	87.2	87.5	87.5	87.5
GE 2000	71.4	75.5	79.5	82.7	87.1	87.5	87.5	87.5	87.5	[illegible]
GE 1500	71.4	75.5	79.5	82.5	87.1	87.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	72.2	76.2	79.7	83.7	88.2	88.3	89.2	89.1	89.1	[illegible]
GE 1200	72.2	76.3	79.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	72.2	76.5	79.[illegible]	[illegible]	88.5	89.5	92.7	93.[illegible]	[illegible]	91.1
GE 900	72.4	76.7	80.1	84.3	88.[illegible]	89.4	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]
GE 800	72.7	77.[illegible]	80.2	84.5	89.1	89.7	93.5	93.5	93.[illegible]	91.7
GE 700	72.7	77.1	80.5	85.5	91.5	92.5	91.5	91.5	91.[illegible]	92.7
GE 600	72.7	77.1	80.[illegible]	85.1	90.1	91.1	92.7	92.5	92.[illegible]	93.5
GE 500	73.[illegible]	77.4	81.1	85.[illegible]	91.[illegible]	91.[illegible]	94.[illegible]	94.1	94.1	94.[illegible]
GE 400	73.[illegible]	77.4	81.1	85.7	91.5	92.[illegible]	94.[illegible]	94.[illegible]	95.[illegible]	95.[illegible]
GE 300	73.[illegible]	77.4	81.1	85.7	91.5	92.[illegible]	94.3	95.5	95.7	97.5
GE 200	73.[illegible]	77.4	81.1	85.7	91.5	92.5	94.3	95.7	95.[illegible]	97.7
GE 100	73.[illegible]	77.4	81.1	85.7	91.5	92.5	94.3	95.7	95.[illegible]	97.7
GE [illegible]	73.9	77.4	[illegible].1	85.7	91.5	92.5	94.3	95.7	[illegible]	97.7

TOTAL [illegible] OF OBSERVATIONS [illegible]

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: JUL HOURS: 18-20

VISIBILITY IN STATUTE MILES

[illegible] 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
[illegible]	[illegible]	60.4	[illegible]	[illegible]	60.4	60.4	60.4	60.4	[illegible]	60.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.5	60.5	60.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	61.4	61.4	[illegible]	61.4	61.4	61.4	61.4	61.4	61.4
[illegible]	[illegible]	64.9	64.9	[illegible]	64.9	64.9	64.9	[illegible]	[illegible]	64.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.2	69.2	[illegible]	[illegible]	69.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	79.7	79.7	79.7	79.7	79.7	79.7	79.7
[illegible]	[illegible]	[illegible]	[illegible]	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible]	[illegible]	[illegible]	[illegible]	83.1	83.1	83.1	83.1	83.1	[illegible]	83.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	86.3	86.3	86.3	86.3	86.3	[illegible]	86.3
[illegible]	[illegible]	[illegible]	[illegible]	87.3	87.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.2	88.2	[illegible]	[illegible]	[illegible]	88.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.6	90.6	[illegible]	[illegible]	[illegible]	90.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.1	91.1	91.1	[illegible]	[illegible]	91.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.4	93.4	93.4	93.4	93.4
[illegible]	[illegible]	94.1	94.1	[illegible]	94.7	94.7	94.7	94.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.2	[illegible]	[illegible]	[illegible]	97.2
[illegible]	[illegible]	[illegible]	[illegible]	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1
[illegible]	[illegible]	[illegible]	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
[illegible] OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	4	3	2	1 1/2	1	3/4	1/2	1/4	0
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUL HOURS: 21-23

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] 1/2	[illegible]	1 1/2	1 1/4	1	3/4	[illegible]	1/2	[illegible]	1/4	0
[illegible]	57.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.3	[illegible]	[illegible]	59.3
[illegible]	[illegible]	[illegible]	[illegible]	55.3	55.3	55.3	55.3	55.3	[illegible]	55.7
[illegible]	[illegible]	55.3	55.3	55.3	55.3	55.3	55.3	55.3	[illegible]	55.7
[illegible]	[illegible]	55.3	55.3	55.3	55.3	55.3	55.3	55.3	[illegible]	55.7
[illegible]	[illegible]	55.7	55.7	55.7	55.7	55.7	55.7	55.7	[illegible]	57.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	71.4	[illegible]	71.	71.	71.	71.	71.	71.	71.	72.2
71.	72.	72.	72.	72.	72.	72.	72.	72.	72.	72.
[illegible]	[illegible]	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.
[illegible]	75.7	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.5
[illegible]	[illegible]	75.	75.	75.	75.	75.	75.9	75.9	75.9	79.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.2
[illegible]	[illegible]	[illegible]	[illegible]	82.3	82.3	82.3	82.2	[illegible]	[illegible]	82.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.1	84.1	[illegible]	84.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.1	85.1	[illegible]	85.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.3	[illegible]	[illegible]	86.7
[illegible]	[illegible]	87.4	87.4	87.4	87.4	87.4	87.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.2	97.5	97.5	[illegible]	97.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.5	97.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.5	97.5	[illegible]	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible] - [illegible]

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL[illegible]
[illegible] ONLY [illegible] OBSERVATIONS

STATION NUMBER: 723[illegible] STATION NAME: PLASE [illegible] [illegible]
LST IN GMT: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	45.[illegible]	47.2	4[illegible]	50.[illegible]	51.6	51.[illegible]	52.[illegible]	52.2	52.3	[illegible]
GE 20000	52.[illegible]	[illegible].7	56.[illegible]	58.[illegible]	60.4	[illegible].7	[illegible]	61.2	[illegible]	[illegible]
GE 15000	52.[illegible]	[illegible].9	57.2	[illegible].7	60.7	61.0	61.[illegible]	61.3	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible].4	[illegible].1	[illegible].5	60.7	61.[illegible]	61.[illegible]	[illegible]	[illegible]
GE 14000	53.2	[illegible].3	57.7	57.2	61.6	61.6	61.[illegible]	62.1	62.2	[illegible]
GE 12000	55.1	57.4	[illegible]	61.[illegible]	63.6	63.[illegible]	64.1	64.3	64.[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	69.[illegible]	70.[illegible]	72.[illegible]	72.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	71.2	73.5	73.[illegible]	[illegible]	74.[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	70.[illegible]	72.[illegible]	74.3	75.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	71.[illegible]	74.3	[illegible]	77.1	77.[illegible]	77.[illegible]	77.[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	73.0	75.[illegible]	78.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	71.[illegible]	74.8	78.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.1	[illegible]	7.7	[illegible]
GE 1000	71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	72.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 7446

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUL HOURS: ALL

VISIBILITY IN STATUTE MILES										
[illegible]	[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5
[illegible]	[illegible]	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.7
[illegible]	[illegible]	61.2	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.9
[illegible]	[illegible]	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.[illegible]	62.0
[illegible]	[illegible]	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.5
[illegible]	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.1
[illegible]	[illegible]	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.7
[illegible]	[illegible]	73.3	73.[illegible]	73.5	73.5	73.5	73.5	73.5	73.5	73.9
[illegible]	74.[illegible]	74.2	74.2	74.2	74.7	74.7	74.2	74.2	74.2	75.0
[illegible]	[illegible]	75.2	75.[illegible]	75.1	75.2	75.2	75.3	75.3	75.3	75.5
[illegible]	77.[illegible]	77.[illegible]	77.3	77.3	77.1	77.1	77.1	77.[illegible]	77.2	77.4
[illegible]	[illegible]	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.7
[illegible]	[illegible]	1.1	1.1	1.3	1.4	1.4	1.5	1.5	1.5	1.7
[illegible]	[illegible]	82.2	83.0	83.1	[illegible]	83.2	83.2	83.3	83.3	83.5
[illegible]	[illegible]	4.[illegible]	84.[illegible]	4.7	4.[illegible]	[illegible]	84.[illegible]	4.[illegible]	84.[illegible]	85.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	5.2	[illegible]	[illegible]	5.3	[illegible]	[illegible]	5.4
[illegible]	[illegible]	[illegible]	[illegible]	5.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.[illegible]	7.1	7.2	7.4	7.4	7.4	7.4	7.5	7.7
[illegible]	7.1	7.[illegible]	7.7	7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	.7	[illegible]	[illegible]	9.1	9.1	9.1	[illegible]	[illegible]	9.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.1
[illegible]	[illegible]	9.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	1.7	1.7	1.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]	1.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.1	7.2	7.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FOR ALL HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PLEASE ADD IT
LST IDENTS: + 5

PERIOD
YEARS: 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES 5	4	3	2	1	3/4	1/2	1	1 1/2	1 3/4	2
NO CEIL	53.1	51.1	52.5	53.7	54.4	54.5	55.2	55.4	55.5	55.5	55.1
20000	53.5	54.4	57.1	59.0	59.2	59.2	61.2	62.2	62.4	62.4	[illegible]
15000	53.7	55.1	57.1	59.1	59.4	61.3	62.3	62.5	62.6	62.6	[illegible]
10000	54.2	56.4	57.7	59.5	59.5	61.3	62.2	62.5	62.7	62.7	[illegible]
9000	54.1	55.5	57.2	59.2	59.9	61.4	62.7	62.7	62.9	62.9	[illegible]
8000	55.5	56.7	58.3	61.1	62.4	63.9	64.8	64.9	64.9	64.9	[illegible]
7000	55.5	61.2	64.2	66.5	67.7	[illegible]	[illegible]	67.4	67.7	[illegible]	[illegible]
6000	60.9	62.5	64.5	67.3	69.2	69.1	72.4	73.4	73.6	[illegible]	[illegible]
5000	64.5	66.2	69.4	70.4	72.2	72.9	74.2	74.3	74.6	74.6	[illegible]
4000	[illegible]	[illegible]	69.5	71.2	72.3	73.7	74.7	74.5	74.5	74.7	[illegible]
3000	68.1	69.6	70.4	71.7	73.3	74.1	75.7	75.7	75.8	75.8	[illegible]
2500	67.5	70.5	73.5	74.7	75.2	77.2	78.3	78.7	78.8	78.8	[illegible]
2000	69.4	72.4	73.9	75.1	77.5	78.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500	70.4	72.5	75.6	76.7	79.5	81.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000	71.1	73.1	75.6	78.0	81.3	83.4	84.1	84.1	84.1	84.1	[illegible]
900	71.3	73.4	75.7	79.4	82.3	83.7	84.1	84.1	84.1	84.1	[illegible]
800	72.1	74.2	77.6	[illegible]	83.5	85.2	86.3	86.3	86.3	86.3	[illegible]
700	72.6	74.8	78.4	81.3	84.8	86.4	87.3	87.3	87.4	87.4	[illegible]
600	73.4	74.9	78.4	81.3	84.8	86.9	87.3	87.3	87.4	87.4	[illegible]
500	73.1	75.4	78.6	81.7	84.9	87.3	88.1	88.1	88.1	88.1	[illegible]
400	73.3	75.5	78.5	81.5	84.5	86.5	88.1	88.1	88.3	88.3	[illegible]
300	73.4	77.1	79.1	82.3	85.3	87.6	88.7	88.7	88.8	88.8	88.9
200	73.4	77.3	79.3	82.9	86.6	87.3	89.4	89.4	89.5	89.5	[illegible]
150	73.4	77.1	79.1	83.3	86.2	87.3	89.7	89.7	89.8	89.8	[illegible]
100	73.1	77.1	79.1	83.4	86.7	88.1	89.8	89.8	89.9	89.9	[illegible]
50	73.3	77.2	79.2	83.5	86.4	88.7	90.1	90.1	90.2	90.2	[illegible]
0	73.3	77.2	79.2	83.5	86.4	88.7	90.1	90.1	90.2	90.2	[illegible]

TOTAL OBS [illegible] OBSERVATIONS [illegible]

A

F FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: AUG HOURS: 00-02

VISIBILITY IN STATUTE MILES

[illegible] 1/2	[illegible] 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.1	55.2	55.2	[illegible]	56.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.4	62.4	62.5	[illegible]	[illegible]	62.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.5	62.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	62.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	62.7	[illegible]	[illegible]	[illegible]	62.9	63.0	63.0	[illegible]	63.0
[illegible]	[illegible]	[illegible]	64.3	[illegible]	64.4	64.4	64.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	70.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	74.4	74.5	74.5	74.5	74.5	[illegible]	[illegible]	74.5
[illegible]	[illegible]	74.5	[illegible]	74.7	74.7	74.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	75.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.7	7.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

b

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING	VISIBILITY IN STATUTE MILES									
	10	9	8	7	6	5	4	3	2 1/2	2
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	47.[illegible]	49.[illegible]	50.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 450	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 350	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 250	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL [illegible] OBSERVATIONS [illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: AUG HOURS: 03-05

VISIBILITY IN STATUTE MILES

GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
[illegible]	51.1	51.3	51.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.3
[illegible]	[illegible]	57.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	65.1	[illegible]	[illegible]	[illegible]	65.7	65.7	[illegible]	[illegible]
[illegible]	[illegible]	65.7	[illegible]	67.3	67.4	67.4	[illegible]	[illegible]	[illegible]	67.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.3	70.4	70.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	71.1	[illegible]	[illegible]	[illegible]	71.7	71.7	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

B

OPERATING LOCATION: MAY PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASH VILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: [illegible] [illegible]

CEILING (FT)	VISIBILITY IN STATUTE MILES									
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	46.7	47.1	47.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	51.0	52.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	51.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	51.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	47.4	[illegible]	[illegible]	52.3	53.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	61.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 450	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 350	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 250	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 050	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
(FROM HOURLY OBSERVATIONS)

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: ALL HOURS: 06-0[illegible]

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	[illegible]	1/2	[illegible]	1/4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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OPERATING LOCATI[illegible]
[illegible], [illegible] VILL[illegible]                                  [illegible]

STATI[illegible]                    STATI[illegible]
                                    [illegible]
........................................................................................
CEILING                                            VISIBILITY [illegible]
 IN
FEET      7                 5      4      3     2 1/2              1 1/4  1 1/4
........................................................................................

NO CEIL  [illegible]  37.[illegible]  4[illegible].1  4[illegible]  4[illegible].2  4[illegible]

GE 20000 [illegible]                                 5[illegible].2   [illegible].1          .1     .[illegible]
GE 18000 [illegible]
GE 16000 [illegible]
GE 14000 [illegible]  [illegible].4  [illegible].7  [illegible]  [illegible]7.1  [illegible]7.[illegible]
GE 12000 [illegible]          7.

GE 10000 [illegible]                  [illegible].7  [illegible].7
GE  9000 [illegible]1.[illegible]
GE  8000 [illegible].7                                [illegible].7
GE  7000 [illegible].7  [illegible]  [illegible].7  71.[illegible]  7[illegible]  71.[illegible]  71.  71.  71.[illegible]
GE  6000 [illegible]                         7[illegible]  71.[illegible]

GE  5000 [illegible]7.[illegible]     [illegible]  71.[illegible]  7[illegible]
GE  4500 [illegible]7.7        [illegible]  7[illegible]  7[illegible].[illegible]  7[illegible]
GE  4000 [illegible]       7[illegible]  7[illegible]  75.[illegible]  7[illegible].1
GE  3500 7[illegible].4  7[illegible]  7[illegible]  77.[illegible]
GE  3000 7[illegible]  7[illegible]  7[illegible]        1.[illegible]  [illegible]1.[illegible]

GE  2500 7[illegible].7  7[illegible]  7[illegible].[illegible]  [illegible]1.[illegible]
GE  2000 7[illegible]  7[illegible]              [illegible]  [illegible]3.  [illegible]4.[illegible]
GE  1800 7[illegible].1  7[illegible].[illegible]  [illegible]  [illegible]  [illegible]4.[illegible]
GE  1500 75.[illegible]  7[illegible].4  [illegible]  [illegible]  [illegible]  [illegible].1
GE  1200 7[illegible].  7[illegible]  [illegible]                       7.[illegible]  7.  [illegible]7.  7.[illegible]

GE  1000 77.[illegible]  [illegible].2  [illegible]  [illegible]7.1  [illegible]  [illegible]
GE   900 7[illegible]  [illegible]  [illegible]4.  [illegible]  [illegible].4  [illegible].2  [illegible]  [illegible]  [illegible]1.[illegible]
GE   800 7[illegible].[illegible]  [illegible]  [illegible].4  [illegible]  [illegible]0.1  [illegible]1.[illegible]  [illegible]1.[illegible]  [illegible]1.[illegible]  [illegible]1.7
GE   700 7[illegible].3  [illegible]  [illegible]  [illegible].7  [illegible]  [illegible]1.1  [illegible]1.  [illegible]1.  [illegible]1.[illegible]
GE   600 7[illegible]  [illegible]1.3  [illegible]  [illegible].2  [illegible]1.[illegible]  [illegible]1.[illegible]  [illegible]  [illegible]3.1

GE   500 7[illegible]  [illegible]1.7  [illegible]  [illegible]  [illegible]2.[illegible]  [illegible]3.1
GE   400 7[illegible]  [illegible]1.7  [illegible].7  [illegible]  [illegible]2.[illegible]  [illegible]4.1  [illegible]  [illegible]  [illegible]7.[illegible]
GE   300 7[illegible]  [illegible]1.7  [illegible].7  [illegible].4  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible].7
GE   200 7[illegible]  [illegible]1.7  [illegible].7  [illegible].4  [illegible].7  [illegible]4.[illegible]
GE   100 7[illegible]  [illegible]1.7  [illegible]5.7  90.4  [illegible]2.7  [illegible]

GE   000 7[illegible]  [illegible]1.7  [illegible].7  [illegible]0.4  92.7  [illegible]
........................................................................................

TOTAL NUMBER OF OBSERVATIONS   930
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[illegible] - [illegible] - 67

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - [illegible]
HOURS: 09-11

VISIBILITY IN STATUTE MILES

2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.9	91.9	[illegible]	[illegible]	[illegible]	91.9
[illegible]	[illegible]	93.1	[illegible]	93.2	93.2	93.2	[illegible]	[illegible]	[illegible]	93.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	97.5	97.5	97.5	97.5	97.5	[illegible]	97.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	99.2	[illegible]	99.6	99.7	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	99.2	[illegible]	99.6	99.7	[illegible]	[illegible]	100.0

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OPERATIONS LOCATION [illegible]
USAFETAC, A [illegible] VILL[illegible]

STATION [illegible] : 72[illegible]      STATION [illegible] :
                                         LAT LONGITUDE: [illegible]
.........................................................................
CEILING                                    VISIBILITY [illegible]
  IN
 FEET
.........................................................................

NO CEIL   [illegible].7  [illegible]  47.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]

GE [illegible]  [illegible]  [illegible]  7[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 1[illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 1[illegible]  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 14000  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]1.7  [illegible]1.7  [illegible].7  [illegible]  [illegible]
GE 12000  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]

GE 1[illegible]  1.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]  [illegible]  [illegible].7  [illegible]  47.1  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]  [illegible].7  7.[illegible]  7[illegible]  71.[illegible]  7[illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 7[illegible]  [illegible]  [illegible]  71.[illegible]  7[illegible]  7[illegible]  7[illegible]  7[illegible]  [illegible]  [illegible]
GE [illegible]  [illegible]  [illegible]  71.  7[illegible].  7[illegible]  7[illegible]  [illegible]  7[illegible].  [illegible]

GE [illegible]  [illegible]  7[illegible]  [illegible]  74.[illegible]  7[illegible]  7[illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]  [illegible]  71.[illegible]  7[illegible]  7[illegible]  7[illegible].  7[illegible]  7[illegible].  [illegible]  [illegible]
GE [illegible]  71.  7[illegible].  7[illegible]  77.[illegible]  [illegible]  7[illegible]  7[illegible]  [illegible]  [illegible]
GE 3[illegible]  7[illegible].7  7[illegible]  7[illegible].  [illegible]1.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 3[illegible]  77.  [illegible].1  [illegible].  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]

GE [illegible]  7[illegible].  [illegible]  [illegible]  [illegible]  [illegible]7.  [illegible].1  [illegible]  [illegible]  [illegible]
GE [illegible]  7[illegible].  [illegible]  [illegible]  [illegible]7.1  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 1[illegible]  7[illegible].7  [illegible]  [illegible]  [illegible]7.[illegible]  [illegible]  [illegible]  [illegible]  [illegible].7  [illegible]
GE 1[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible].1  [illegible]  [illegible]
GE 1200  [illegible]  [illegible].  7.[illegible]  [illegible]  [illegible]1.  1.[illegible]  [illegible]  [illegible]1.7  [illegible]1.7

GE 1[illegible]  [illegible]  [illegible]  [illegible]7.7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]  1.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]  [illegible]  [illegible].7  [illegible]  [illegible]1.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 7[illegible]  [illegible]  [illegible].3  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible].7  [illegible].1  [illegible]
GE 500  [illegible]  [illegible].7  [illegible]  [illegible]2.7  [illegible].1  [illegible].7  [illegible]  [illegible].7  [illegible]

GE [illegible]  [illegible]  [illegible].7  [illegible]  [illegible]2.7  [illegible]  [illegible]  [illegible]  [illegible]7.1  [illegible]
GE [illegible]  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]7.[illegible]  [illegible]7.7  [illegible].1
GE 300  [illegible]2.7  [illegible]  [illegible]  [illegible]2.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible].1
GE 200  [illegible]2.7  [illegible]  [illegible]  [illegible]2.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible].1
GE 100  [illegible]2.7  [illegible]  [illegible]  [illegible]2.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible].1

GE 000  [illegible]2.7  [illegible]  [illegible].3  [illegible]2.[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible].1
.........................................................................

TOTAL NUMBER OF OBSERVATIONS   230
```

A

[illegible] CEILING VS [illegible] VISIBILITY

[illegible] 12-14

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	[illegible]	1/2	[illegible]	1/4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.7	[illegible]	[illegible]	91.7	[illegible]	91.7	[illegible]	[illegible]	91.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	99.1	[illegible]	99.6	99.6	99.7	99.7	99.7	99.7
[illegible]	[illegible]	[illegible]	99.1	[illegible]	99.7	99.7	[illegible]	100.0	[illegible]	100.0
[illegible]	[illegible]	[illegible]	99.1	[illegible]	99.7	99.7	99.9	100.0	[illegible]	100.0
[illegible]	[illegible]	[illegible]	99.1	[illegible]	99.7	99.7	[illegible]	100.0	[illegible]	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 723055 STATION NAME: [illegible]
LOG ID NO: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	5	3	2	1	1 1/2	1	1 1/2	1 1/4	
NO CEIL	[illegible]	[illegible]	[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 20000	[illegible]	[illegible]	[illegible]	61.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	63.1	[illegible]	[illegible]	[illegible]	[illegible]	
GE 14000	[illegible]	[illegible]	61.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 14000	[illegible]	[illegible]	[illegible]	63.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 10000	[illegible]	[illegible]	[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	72.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	75.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN

MONTH: ALL HOURS: 12-17

VISIBILITY IN STATUTE MILES

2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
[illegible]	[illegible]	52.[illegible]	52.[illegible]	[illegible]	[illegible]	[illegible]	52.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.[illegible]	63.[illegible]	63.	[illegible]	[illegible]	63.[illegible]
[illegible]	[illegible]	63.[illegible]	[illegible]	[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	[illegible]	[illegible]	63.[illegible]
[illegible]	[illegible]	63.[illegible]	[illegible]	[illegible]	63.[illegible]	63.[illegible]	[illegible]	63.[illegible]	[illegible]	63.[illegible]
[illegible].1	55.1	55.1	55.1	[illegible].1	55.1	55.1	55.1	55.1	[illegible].1	55.1
.1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible]	[illegible].1
[illegible]	72.	72.[illegible]	[illegible]	72.	72.[illegible]	72.[illegible]	72.	7[illegible].	[illegible]	72.[illegible]
[illegible].7	73.7	73.7	7[illegible].7	73.7	73.7	73.7	73.7	[illegible]	[illegible].7	73.[illegible]
[illegible]	77.[illegible]	77.[illegible]	[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	[illegible]	77.[illegible]
7[illegible].1	7[illegible].1	7[illegible].1	7[illegible].1	7[illegible].1	7[illegible].1	7[illegible].1	7[illegible].1	7[illegible].1	[illegible].1	7[illegible].1
[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	[illegible]	7[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.	[illegible]7.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible]	[illegible].1	[illegible].1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.[illegible]	[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	[illegible]	[illegible]	91.[illegible]
91.	91.	91.[illegible]	91.[illegible]	91.7	91.7	91.7	91.7	91.7	[illegible].7	91.7
[illegible].7	[illegible]	92.[illegible]	92.[illegible]	92.3	92.3	92.[illegible]	92.[illegible]	[illegible].3	[illegible]	92.[illegible]
[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible].7	[illegible]	[illegible].4	[illegible]	93.7	93.7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible].3	[illegible]	[illegible]	[illegible]	94.4	94.4	94.4	94.[illegible]	[illegible].4	[illegible].4	[illegible]
[illegible]	[illegible]	[illegible].1	[illegible]	95.3	95.3	95.[illegible]	95.[illegible]	[illegible]	[illegible]	95.3
[illegible]	[illegible]	[illegible]	[illegible]	96.0	96.0	96.0	96.0	[illegible]	[illegible]	96.0
[illegible]	[illegible]	[illegible]	[illegible]	97.2	97.2	97.2	97.2	97.2	97.2	97.2
[illegible].7	[illegible]	[illegible]	97.[illegible]	[illegible]	98.2	98.2	[illegible]	[illegible]	[illegible]	98.2
[illegible]	97.1	97.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.[illegible]	[illegible].4	[illegible].1	[illegible]	[illegible]	99.[illegible]	99.[illegible]	[illegible]	[illegible]	99.[illegible]
[illegible]	97.[illegible]	9[illegible]	99.2	99.[illegible]	99.[illegible]	99.9	100.0	100.0	100.0	100.0
[illegible]	97.[illegible]	9[illegible]	99.2	99.[illegible]	99.[illegible]	99.9	100.0	100.0	100.0	100.0
[illegible]	97.[illegible]	9[illegible]	99.2	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0	100.0	100.0

6

OPERATING LOCATION MAP

USAFETAC, [illegible]

STATION NO. : [illegible] STATION NAME : [illegible]

ELEV FT : [illegible]

CEILING IN FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

STATION [illegible]

CEILING IN FEET	VISIBILITY [illegible]									
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 12000	[illegible]	61.7	[illegible]	[illegible]	[illegible]	67.7	[illegible]	[illegible]	[illegible]	
GE 10000	[illegible]	[illegible]	[illegible]	71.[illegible]	72.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
GE [illegible]	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 4500	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.	7.	7.[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]	7.	7.	
GE 3[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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GE [illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1[illegible]	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 1[illegible]	[illegible]	[illegible]	[illegible]	67.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 12[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE 7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2[illegible]	[illegible]	[illegible]	[illegible]	91.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	91.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7

TOTAL [illegible]

A

[illegible]

B

[illegible]

CEILING [illegible]

[illegible]

T[illegible]TAL [illegible] 74[illegible]

A

B

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OPERATI[illegible]
USAF[illegible]TAC, [illegible]

STATI[illegible]

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[illegible]ILI[illegible]                                   [illegible]
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   GE  [illegible]100  [illegible]

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TOTAL [illegible] [illegible]ATIONS  [illegible]
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A

[illegible] CEILING VERSUS VISIBILITY

[illegible]

[illegible] JUL 7? - [illegible]

[illegible] HOURS: 00-02

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	[illegible]	1/2	[illegible]	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.1	77.1	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.2	97.7	[illegible]	[illegible]	[illegible]

B

OPERATING LOCATION "A"
USAFETAC, FORT WILL [illegible]

STATION NUMBER : [illegible] STATION NAME : [illegible]
LOT TIMES + 5

CEILING IN FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VISIBILITY IN STATUTE MILES [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] - [illegible] - 74

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN 7[illegible]
MONTH: SEP HOURS: 03-05

VISIBILITY IN STATUTE MILES

2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.1	62.1	62.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	62.1	[illegible]	62.2	62.2	[illegible]	[illegible]	[illegible]	63.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.3	[illegible]	[illegible]	[illegible]	63.2
[illegible]	[illegible]	62.2	[illegible]	[illegible]	[illegible]	[illegible]	62.4	[illegible]	[illegible]	63.3
[illegible]	[illegible]	63.3	[illegible]	[illegible]	[illegible]	[illegible]	63.6	[illegible]	[illegible]	64.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.2
[illegible]	[illegible]	69.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.2	[illegible]	[illegible]	[illegible]	92.1
[illegible]	[illegible]	92.4	[illegible]	[illegible]	93.3	93.3	[illegible]	[illegible]	[illegible]	94.2
[illegible]	[illegible]	94.1	94.3	[illegible]	95.3	95.3	[illegible]	[illegible]	[illegible]	96.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.1	96.1	[illegible]	97.3	[illegible]	[illegible]
[illegible]	[illegible]	94.3	[illegible]	[illegible]	96.2	96.2	[illegible]	97.4	[illegible]	100.0
[illegible]	[illegible]	94.3	[illegible]	[illegible]	96.2	96.2	[illegible]	97.4	[illegible]	100.0

[illegible] - 2 - 74

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NO. [illegible] STATION NAME: [illegible]
FOR THE HOUR [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] - 73

A

CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

FROM HOURLY OBSERVATIONS

JUL 7[illegible] - JU[illegible]

MONTH: SEP HOURS: 06-08

VISIBILITY IN STATUTE MILES										
[illegible] 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.1	54.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.[illegible]
[illegible]	[illegible]	51.[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	52.[illegible]	[illegible]	[illegible]	52.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.[illegible]	57.[illegible]	[illegible]	57.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.4	70.4	[illegible]	[illegible]	[illegible]	71.1
70.2	70.[illegible]	71.[illegible]	71.2	71.[illegible]	71.4	71.4	71.5	71.5	71.7	72.1
71.[illegible]	71.[illegible]	71.4	71.7	71.[illegible]	71.[illegible]	71.[illegible]	72.[illegible]	72.[illegible]	72.1	72.[illegible]
[illegible]	[illegible]	73.7	[illegible]	74.1	74.1	74.1	74.2	[illegible]	[illegible]	74.[illegible]
[illegible]	[illegible]	74.4	74.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.1	75.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.4
[illegible]	76.2	76.4	76.7	[illegible]	[illegible]	[illegible]	77.[illegible]	77.[illegible]	77.1	77.[illegible]
77.[illegible]	77.[illegible]	77.[illegible]	7[illegible].1	[illegible]	7[illegible].4	7[illegible].4	7[illegible].4	[illegible]	7[illegible].7	79.1
[illegible]	[illegible]	[illegible]	7[illegible].7	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible]	80.7
[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.9
[illegible]	[illegible]	[illegible]	81.1	81.4	81.4	81.4	[illegible]	[illegible]	81.7	82.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.1	83.[illegible]
[illegible]	[illegible].7	[illegible]	[illegible]	83.3	83.3	83.3	83.4	[illegible]	[illegible]	84.[illegible]
[illegible].7	[illegible].1	84.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.[illegible]
[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	85.3	[illegible]	[illegible]	[illegible]	86.[illegible]
[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	86.2	86.2	86.3	[illegible]	86.4	86.[illegible]
[illegible]	87.[illegible]	87.1	87.[illegible]	87.7	87.7	87.7	87.[illegible]	87.[illegible]	87.[illegible]	88.3
87.[illegible]	[illegible]	88.7	[illegible]	89.2	89.2	89.2	89.3	[illegible]	[illegible]	89.9
[illegible]	[illegible].1	[illegible].7	91.[illegible]	91.3	91.3	91.3	91.[illegible]	91.[illegible]	91.[illegible]	92.0
[illegible]	91.[illegible]	[illegible]	93.[illegible]	93.5	93.5	93.5	94.0	94.[illegible]	94.1	94.5
[illegible]	92.[illegible]	[illegible]	[illegible]	96.0	96.1	96.1	[illegible]	[illegible]	[illegible]	97.2
[illegible]	92.[illegible]	94.2	95.1	96.1	96.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	[illegible]	98.9
[illegible]	[illegible]	94.2	95.1	96.2	96.9	96.9	97.9	98.1	[illegible]	100.0
[illegible]	[illegible]	94.2	95.1	96.2	96.9	96.9	97.9	98.1	98.4	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible]
LST IS UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	51.4	[illegible]	53.4	53.7	53.8	54.0	54.1	54.3	54.6	54.6	54.		
GE 20000	57.7	59.8	60.0	60.5	60.7	60.9	61.1	61.4	61.5	61.			
GE 18000	58.4	60.1	60.3	61.1	61.4	61.7	61.7	61.7	61.7	61.			
GE 16000	58.4	60.1	60.3	61.1	61.4	61.7	61.7	61.7	61.7	61.			
GE 14000	59.2	61.4	62.1	62.4	62.8	63.0	63.1	63.3	63.3	63.			
GE 12000	61.4	63.1	63.9	64.2	64.5	64.8	64.9	64.9	64.9	64.			
GE 10000	64.7	66.7	67.0	66.5	66.7	66.9	67.0	67.0	67.0	67.			
GE 9000	64.8	66.9	67.1	68.7	69.0	69.2	69.4	69.4	69.4	69.			
GE 8000	69.0	70.8	71.3	72.4	72.6	73.1	73.1	73.1	73.1	73.			
GE 7000	69.6	70.9	72.4	73.1	73.6	73.8	73.9	73.9	73.9	73.			
GE 6000	69.9	71.3	72.9	73.6	73.9	74.2	74.3	74.3	74.3	74.			
GE 5000	69.9	72.3	74.2	74.9	75.2	75.6	75.6	75.6	75.6	75.			
GE 4500	70.4	72.8	74.9	75.6	76.3	76.6	76.8	76.8	76.8	76.			
GE 4000	70.4	74.3	75.6	77.4	77.8	78.2	78.2	78.2	78.2	78.			
GE 3500	70.7	74.1	77.4	78.7	79.1	79.4	79.6	79.6	79.6	79.			
GE 3000	71.2	77.7	79.7	80.7	81.1	81.4	81.4	81.4	81.4	81.			
GE 2500	75.6	78.1	81.1	81.1	81.7	82.0	82.0	82.0	82.0	82.			
GE 2000	75.4	79.2	81.2	82.2	82.6	83.1	83.1	83.1	83.1	83.			
GE 1500	75.4	79.4	81.4	82.4	83.1	83.8	83.8	83.8	83.8	83.			
GE 1000	75.4	81.1	83.1	84.1	84.7	85.2	85.2	85.2	85.2	85.			
GE 900	75.9	81.6	84.2	85.9	86.4	86.8	86.8	86.8	86.8	86.			
GE 800	81.4	86.2	88.4	89.9	90.7	90.9	90.9	90.1	90.1	90.			
GE 700	81.4	86.5	88.1	89.2	89.1	89.6	89.7	89.7	89.7	89.			
GE 600	82.1	86.9	88.1	89.2	89.9	90.2	90.4	90.4	90.4	90.			
GE 500	83.5	88.5	89.0	89.9	91.1	91.4	91.6	91.6	91.6	91.			
GE 400	83.7	87.0	89.7	91.8	93.1	93.4	93.4	93.5	93.5	93.			
GE 300	84.0	87.3	90.1	92.4	94.2	95.0	95.7	95.9	96.1	96.			
GE 200	84.0	87.3	90.2	92.6	94.9	95.7	96.6	96.9	97.2	97.			
GE 100	84.0	87.3	90.2	92.6	95.2	96.1	97.2	97.7	97.9	98.			
GE 000	84.0	87.3	90.2	92.6	95.2	96.1	97.2	97.7	97.9	98.			

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] - 2 - 74

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN
MONTHS: SEP HOURS: 00-11

VISIBILITY IN STATUTE MILES

1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]

STATION NUMBER: 725[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	52.7	53.3	54.5	54.7	55.3	55.1	55.1	55.1	55.1	55.
GE 20000	53.3	53.7	62.1	62.3	62.5	62.7	63.7	63.7	63.7	63.
GE 18000	61.3	61.5	63.9	63.9	63.8	63.4	63.4	63.4	63.4	63.
GE 16000	61.3	61.3	63.2	63.5	63.7	63.7	63.7	63.	63.	63.
GE 14000	62.2	62.5	64.1	64.2	64.5	64.7	64.7	64.7	64.7	64.
GE 12000	63.3	63.3	65.2	65.4	65.5	65.6	65.5	65.5	65.5	65.
GE 10000	66.7	67.3	69.5	69.[illegible]	69.1	69.[illegible]	69.[illegible]	69.2	69.2	69.
GE 9000	67.4	69.3	69.5	69.5	69.7	70.0	70.0	70.[illegible]	70.[illegible]	70.
GE 8000	70.4	71.2	73.3	72.5	72.9	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.
GE 7000	71.7	72.2	73.[illegible]	73.3	74.[illegible]	74.2	74.3	74.3	74.3	74.
GE 6000	72.6	73.1	74.4	74.[illegible]	75.1	75.2	75.3	75.2	75.2	75.
GE 5000	73.9	74.5	75.[illegible]	76.3	75.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.
GE 4500	74.[illegible]	75.4	75.[illegible]	77.2	77.[illegible]	77.3	77.[illegible]	77.[illegible]	77.[illegible]	77.
GE 4000	75.[illegible]	77.[illegible]	77.3	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	78.4	79.1	[illegible]	81.2	81.5	81.7	81.7	81.7	81.7	81.
GE 3000	81.5	[illegible]	83.7	84.1	84.7	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.
GE 2500	83.3	[illegible]	84.3	84.3	85.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	83.7	84.4	85.3	85.3	87.[illegible]	87.1	87.1	87.[illegible]	87.[illegible]	87.
GE 1800	84.3	84.[illegible]	85.2	86.7	87.3	87.4	87.[illegible]	87.[illegible]	87.[illegible]	87.
GE 1500	85.7	86.4	87.7	88.3	88.3	88.1	88.1	88.[illegible]	88.[illegible]	88.
GE 1200	86.4	87.1	88.5	89.5	89.[illegible]	89.[illegible]	89.[illegible]	89.5	89.[illegible]	89.
GE 1000	87.4	88.4	90.2	90.7	91.4	91.5	91.[illegible]	91.[illegible]	91.[illegible]	91.
GE 900	87.4	88.[illegible]	90.5	91.3	91.9	92.3	92.3	92.4	92.4	92.
GE 800	89.3	90.3	91.7	92.1	93.1	93.3	93.7	93.[illegible]	93.[illegible]	93.
GE 700	89.8	90.2	92.2	92.[illegible]	93.2	94.2	94.2	94.7	94.7	94.
GE 600	90.2	91.7	92.[illegible]	93.7	94.[illegible]	95.[illegible]	95.7	95.[illegible]	95.[illegible]	95.
GE 500	90.[illegible]	92.[illegible]	93.[illegible]	93.[illegible]	95.3	95.4	96.[illegible]	97.2	97.[illegible]	97.
GE 400	90.3	92.4	93.0	93.7	95.3	95.4	97.3	97.[illegible]	97.[illegible]	97.
GE 300	89.3	92.4	93.3	94.1	95.7	95.2	97.3	98.[illegible]	98.[illegible]	98.
GE 200	89.3	92.[illegible]	93.[illegible]	94.1	95.7	95.2	97.3	98.[illegible]	98.[illegible]	98.
GE 100	89.3	90.3	93.3	94.1	95.7	95.2	97.3	98.3	98.[illegible]	98.
GE 000	89.3	90.[illegible]	93.0	94.1	95.7	95.2	97.3	98.3	98.[illegible]	98.

TOTAL NUMBER OF OBSERVATIONS 300

[illegible] - [illegible] - 77

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: SEP HOURS: 12-14

VISIBILITY IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
[illegible]	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
[illegible]	53.	53.	53.	53.	53.	53.	53.	53.	[illegible]	53.
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
[illegible]	65.9	65.9	66.9	[illegible]	65.9	65.9	65.9	65.9	65.9	65.9
[illegible]	[illegible]	69.2	69.2	69.2	69.2	69.2	69.2	69.2	[illegible]	69.2
[illegible]	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.
73.	73.	73.	73.	73.	73.	73.	73.	73.	[illegible]	73.
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.
77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.3
.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	80.1
1.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	1.7	81.7	81.7
[illegible]	84.	84.	84.	84.	84.	84.	84.	[illegible]	84.	84.
[illegible]	[illegible]	85.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.5
7.2	7.2	7.	7.2	87.2	87.2	87.2	87.2	87.2	7.2	87.2
7.	7.	7.	7.	87.	87.	87.	87.	87.	7.	87.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.2	89.2	89.2	89.2	89.2	89.2
[illegible]	[illegible]	90.	90.	90.	90.0	90.0	90.0	90.	90.	90.0
91.	91.	91.	91.	91.	91.	91.	91.	91.	91.	91.
[illegible]	92.	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
[illegible]	93.7	93.	93.	93.	93.	93.	93.	93.	93.	93.
[illegible]	94.	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	95.7	95.9	95.9	96.0	96.0	96.0	95.0	96.	96.	96.0
[illegible]	[illegible]	97.	97.	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	97.3	98.3	98.3	98.	98.	98.	98.	98.	98.	98.3
[illegible]	97.	99.	99.	99.7	99.9	99.9	99.9	99.	99.	99.9
9.2	97.	99.	99.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0
.2	97.7	99.	99.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0
.2	97.	99.9	99.	99.7	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	51.4	52.5	53.1	53.4	53.5	53.9	[illegible]	54.[illegible]	[illegible]	[illegible]
GE 20000	[illegible].7	[illegible]	51.1	51.3	51.[illegible]	52.1	52.1	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	51.2	51.7	51.7	52.2	52.2	[illegible]	[illegible]	[illegible]
GE 16000	[illegible].1	[illegible]	51.6	52.0	52.[illegible]	[illegible]	[illegible]	52.7	[illegible].7	[illegible].7
GE 14000	[illegible]	[illegible]	[illegible]	53.2	53.4	[illegible]	[illegible]	53.[illegible]	[illegible]	[illegible]
GE 12000	52.[illegible]	[illegible].7	54.[illegible]	54.[illegible]	55.1	55.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	57.[illegible]	[illegible]	[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].7
GE 9000	67.[illegible]	[illegible]	70.0	70.[illegible]	70.7	71.[illegible]	71.[illegible]	71.1	71.1	71.1
GE 8000	71.7	73.7	74.5	75.2	75.5	76.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	72.7	74.7	75.[illegible]	76.2	76.5	76.9	[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
GE 6000	75.1	76.1	76.[illegible]	76.7	77.[illegible]	77.3	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
GE 5000	75.[illegible]	77.[illegible]	7[illegible].2	7[illegible].3	79.[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]
GE 4500	7[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]	[illegible]1.4	[illegible]	[illegible]
GE 4000	77.9	[illegible]	[illegible]1.1	[illegible]1.[illegible]	[illegible]2.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	7[illegible]	[illegible]	[illegible]3.1	[illegible]3.[illegible]	[illegible]4.1	[illegible]	[illegible]	[illegible]4.7	[illegible]	[illegible]
GE 3000	[illegible]1.4	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].4	[illegible]	[illegible].7	[illegible].7	[illegible].7
GE 2500	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]7.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]7.3	[illegible].1	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible].1	[illegible]7.4	[illegible].2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible].3	[illegible].1	[illegible].7	[illegible]	[illegible]	[illegible].3	[illegible]	[illegible]
GE 1200	[illegible].1	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible].3	91.1	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible].1	[illegible].7	[illegible]	91.3	91.[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].1
GE 800	[illegible]	[illegible]	[illegible].4	91.[illegible]	92.1	92.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible].3	[illegible]	[illegible]	[illegible]1.[illegible]	93.2	[illegible].2	[illegible]4.2	[illegible]4.3	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]1.[illegible]	[illegible]	[illegible]4.4	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	91.[illegible]	93.1	95.1	[illegible]	[illegible]	[illegible]	[illegible]7.1	[illegible]7.1
GE 400	[illegible]	[illegible]	91.[illegible]	93.1	95.7	[illegible]	[illegible]	[illegible]7.7	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	91.[illegible]	93.1	95.7	[illegible]	[illegible]7.7	[illegible]	[illegible].1	[illegible].7
GE 200	[illegible]	[illegible].3	91.[illegible]	93.1	95.7	96.9	97.7	[illegible]	[illegible].1	[illegible].7
GE 100	[illegible]	[illegible]	91.[illegible]	93.1	95.7	96.9	97.7	[illegible]	[illegible].1	[illegible].7
GE 000	[illegible]	[illegible]	91.[illegible]	93.1	95.7	[illegible]	97.7	[illegible]	[illegible].1	[illegible]

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

A

PERCENT FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN
MONTH: SEP HOURS: 15-17

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	[illegible]
[illegible]	[illegible]	54.0	[illegible]	[illegible]	54.0	64.0	54.0	[illegible]	[illegible]	64.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.2
[illegible]	62.2	[illegible]	[illegible]	[illegible]	62.3	[illegible]	[illegible]	[illegible]	[illegible]	62.3
[illegible]	[illegible]	62.7	62.7	62.7	62.7	62.7	62.7	[illegible]	[illegible]	62.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	77.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.1	92.1	[illegible]	[illegible]	[illegible]	92.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	94.2	94.3	[illegible]	[illegible]	[illegible]	94.4	94.4	[illegible]	[illegible]	94.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	97.1	97.1	97.1	97.1	97.1	97.1	[illegible]	97.1
[illegible]	[illegible]	97.7	[illegible]	98.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.7	[illegible]	99.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	97.7	99.2	99.1	99.7	99.9	99.9	99.9	[illegible]	[illegible]	100.0
[illegible]	97.7	99.2	99.1	99.7	99.9	99.9	99.9	[illegible]	[illegible]	100.0
[illegible]	97.7	[illegible]	99.1	99.7	99.9	99.9	[illegible]	[illegible]	[illegible]	100.

```
OPERATING LOCATION [illegible]                    [illegible]
USAFETAC, ASHEVILLE NC                            [illegible]

STATION [illegible]          STATION NAME: [illegible]
                             [illegible]
••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••
CEILING                                    VISIBILITY [illegible]
  IN       [illegible]
 FEET       7      [illegible]   [illegible]   4      3    2 1/2  [illegible]  1 1/4  1 1/4  [illegible]
••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••

NO CEIL   [illegible] ... [illegible]

GE 20000  [illegible]
GE 1[illegible]  [illegible]
GE 1[illegible]  [illegible]
GE 14[illegible] [illegible]
GE 1[illegible]  [illegible]

GE 10000  [illegible]
GE [illegible]   [illegible]
GE [illegible]   [illegible]
GE 7[illegible]  [illegible]
GE [illegible]   [illegible]  77.1  [illegible]

GE [illegible]   [illegible]  77.  [illegible]
GE [illegible]   [illegible]
GE 4[illegible]  [illegible]
GE 3[illegible]  [illegible]
GE [illegible]   [illegible]

GE [illegible]   [illegible]
GE [illegible]   [illegible]
GE 1[illegible]  [illegible]
GE 1[illegible]  [illegible]
GE 1[illegible]  [illegible]

GE 1[illegible]  [illegible]
GE [illegible]   [illegible]
GE [illegible]   [illegible]
GE 7[illegible]  [illegible]
GE [illegible]   [illegible]

GE [illegible]   [illegible]
GE 4[illegible]  [illegible]
GE 3[illegible]  [illegible]  93.  [illegible]
GE 2[illegible]  [illegible]
GE 1[illegible]  [illegible]

GE [illegible]   [illegible]
••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••

TOTAL NUMBER OF OBSERVATIONS [illegible]
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A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7? - JUN ??
MONTH: SEP HOURS: 1?-20

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	[illegible]	1/2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

STATION NUMBER: 7[illegible]      STATION NAME: [illegible]
                                 [illegible]
.................................................................................
CEILING                                        VISIBILITY IN STATUTE MILES
  IN
 FEET                                                 [illegible]
.................................................................................

NO CEIL    [illegible] [illegible]  [illegible]7.7  [illegible]7.[illegible]  [illegible].1  [illegible]  [illegible]  [illegible].7  [illegible].7  [illegible]

GE [illegible]     [illegible].1  [illegible].1  [illegible]  [illegible].1  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]
GE 1[illegible]    [illegible].1  [illegible].1  [illegible]  [illegible].1  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]
GE 1[illegible]    [illegible].1  [illegible].1  [illegible]  [illegible]2.1  [illegible]3.[illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]
GE 14000   [illegible].7  [illegible].7  [illegible].3  [illegible]2.7  [illegible]3.[illegible]  [illegible].2  [illegible]  [illegible]  [illegible]  [illegible]
GE 12[illegible]   [illegible]  [illegible]  [illegible]3.7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]

GE 10[illegible]   [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  7.[illegible]  [illegible].7  [illegible]7.  [illegible]  [illegible]
GE [illegible]     [illegible]  [illegible]  [illegible]  [illegible]  [illegible]7.7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]     [illegible]  [illegible]  7[illegible]  7[illegible]  72.1  7[illegible]  7[illegible]  7[illegible].7  [illegible].7  7[illegible]
GE 7[illegible]    [illegible]  [illegible]1  71.[illegible]  72.2  73.4  7[illegible]  7[illegible]  7[illegible]  7[illegible]  7[illegible]
GE [illegible]     [illegible].7  7[illegible]  7[illegible]  7[illegible]  7[illegible]  7[illegible]  [illegible]  7[illegible]  7[illegible]  7[illegible]

GE [illegible]     7[illegible]  7[illegible]  7[illegible]  7[illegible]  77.  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 4[illegible]    7[illegible]  7[illegible]  77.[illegible]  77.  7[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 4[illegible]    7[illegible]  7[illegible]  7[illegible].7  7[illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 3[illegible]    77.7  77.1  7[illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 3[illegible]    7[illegible]  7[illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]

GE [illegible]     77.  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]     7[illegible]  [illegible]  [illegible]  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 1[illegible]    7[illegible]  [illegible]  [illegible]  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 1[illegible]    7[illegible]  [illegible]  [illegible]  [illegible].1  [illegible]  [illegible]  [illegible]  7.[illegible]  7.[illegible]  7.[illegible]
GE 1[illegible]    7[illegible]  [illegible].1  [illegible]  [illegible].7  [illegible]7.[illegible]  7.[illegible]  7.[illegible]  7.[illegible]  7.[illegible]  7.[illegible]

GE [illegible]     7[illegible]  [illegible]  [illegible].7  [illegible]  [illegible]  7.[illegible]  7.[illegible]  7.[illegible]  7.[illegible]  [illegible]
GE [illegible]     7[illegible]  [illegible].7  [illegible].1  [illegible]  7.7  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]     [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE 7[illegible]    [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
GE [illegible]     [illegible].7  [illegible]  [illegible]  [illegible]7.7  [illegible].3  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]1.[illegible]

GE [illegible]     [illegible]1.[illegible]  [illegible].1  [illegible].7  [illegible].3  [illegible]  [illegible].7  [illegible]  [illegible].1  [illegible].1  [illegible]
GE 4[illegible]    1.[illegible]  [illegible]  7.1  [illegible]  91.[illegible]  [illegible].1  [illegible]  [illegible]  [illegible]  [illegible]
GE 3[illegible]    1.[illegible]  [illegible]  7.[illegible]  [illegible]  [illegible]2.1  [illegible]  [illegible].7  [illegible].3  [illegible]  [illegible]
GE 2[illegible]    1.[illegible]  [illegible]  7[illegible]  [illegible]  [illegible].1  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]7.
GE 1[illegible]    [illegible]1.[illegible]  [illegible]  7.[illegible]  [illegible]  [illegible].1  [illegible]  [illegible].7  [illegible]  [illegible]  [illegible]7.[illegible]

GE [illegible]     [illegible]1.[illegible]  [illegible]  [illegible]7.2  [illegible]3.[illegible]  [illegible]2.1  [illegible]4.[illegible]  [illegible].7  [illegible]  [illegible]  [illegible]7.[illegible]
.................................................................................

TOTAL NUMBER OF OBSERVATIONS  [illegible]
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A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: SEP HOURS: 21-23

VISIBILITY IN STATUTE MILES

[illegible] 1/2	[illegible]	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	[illegible]	59.7	59.7	[illegible]	[illegible]	[illegible]	60.1	60.1	60.1	60.2
[illegible]	[illegible]	[illegible]	[illegible]	54.1	54.4	54.4	[illegible]	[illegible]	[illegible]	54.7
[illegible]	[illegible]	[illegible]	[illegible]	54.1	54.4	54.6	54.6	[illegible]	[illegible]	54.7
[illegible]	[illegible]	[illegible]	[illegible]	54.1	54.4	[illegible]	[illegible]	[illegible]	[illegible]	54.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.1	[illegible]	55.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	72.7	72.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.7	74.7	74.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.7	[illegible]	87.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	91.1	91.4	91.4	[illegible]	[illegible]	[illegible]	91.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7	93.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	96.7	97.2	97.2	[illegible]	97.4	97.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.6	97.6	98.1	[illegible]	[illegible]	98.7
[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.7	97.7	[illegible]	[illegible]	[illegible]	99.4
[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.7	97.7	[illegible]	[illegible]	[illegible]	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
[illegible]

STATION NUMBER: 723075 STATION NAME: [illegible]
LAT LONG: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	[illegible]
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	56.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	67.[illegible]	68.2	60.3	66.7	61.7	61.[illegible]	[illegible]	62.2	62.[illegible]	[illegible]
GE 18000	61.[illegible]	63.4	60.6	61.0	61.[illegible]	62.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible].1	63.5	63.7	61.1	62.[illegible]	62.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	61.1	61.[illegible]	62.[illegible]	63.2	63.1	63.3	63.[illegible]	63.
GE 12000	[illegible]	[illegible]	62.7	63.1	64.2	64.4	64.[illegible]	64.7	64.7	64.
GE 10000	[illegible]	[illegible]	65.7	[illegible]	67.[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	66.1	66.4	67.3	68.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	70.[illegible]	70.6	71.[illegible]	72.1	72.[illegible]	72.4	72.[illegible]	[illegible]
GE 7000	67.[illegible]	72.4	71.1	71.[illegible]	72.[illegible]	73.2	73.[illegible]	73.[illegible]	73.[illegible]	73.
GE 6000	[illegible]	73.2	71.[illegible]	72.[illegible]	73.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.
GE 5000	72.[illegible]	72.[illegible]	74.1	74.7	75.1	75.4	75.[illegible]	75.7	75.	75.
GE 4000	71.3	73.3	73.1	75.7	77.2	77.[illegible]	77.[illegible]	77.	77.	77.
GE 4500	72.7	74.7	75.5	77.[illegible]	77.	77.1	77.[illegible]	77.4	77.[illegible]	77.
GE 3500	74.[illegible]	75.1	72.3	78.[illegible]	79.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	73.4	77.[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	73.3	75.[illegible]	[illegible].7	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	77.[illegible]	77.7	[illegible]	[illegible]	84.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	77.[illegible]	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	75.[illegible]	[illegible].7	[illegible]	84.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	79.3	81.6	[illegible]	[illegible]	[illegible]	[illegible]	87.1	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	81.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	81.4	84.1	[illegible]	[illegible]	[illegible]	81.[illegible]	81.[illegible]	[illegible]	[illegible]	[illegible]
GE 500	81.[illegible]	[illegible]	87.4	89.1	91.7	92.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	81.7	[illegible]	87.6	[illegible]	92.6	[illegible]	94.7	[illegible]	[illegible]	[illegible]
GE 300	81.7	[illegible]	87.7	[illegible]	[illegible]	94.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	81.7	84.5	87.7	[illegible]	92.2	94.2	[illegible]	[illegible]	97.2	[illegible]
GE 100	81.7	84.5	87.7	89.7	92.[illegible]	94.2	[illegible]	[illegible]	97.1	[illegible]
GE 000	81.7	84.5	87.7	89.7	92.[illegible]	94.2	[illegible]	[illegible]	97.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS 7200

[illegible] - 2 - 1

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JU[illegible]
MONTH: [illegible] HOURS: ALL

VISIBILITY IN STATUTE MILES

1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.7	56.7	56.7	56.7	[illegible]	56.9
[illegible]	[illegible]	62.2	62.3	62.3	62.4	62.4	62.4	62.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.6	[illegible]	62.7	62.7	62.9
[illegible]	[illegible]	[illegible]	[illegible]	62.7	62.7	62.7	[illegible]	[illegible]	[illegible]	63.0
[illegible]	63.1	63.3	63.3	[illegible]	63.4	[illegible]	63.5	[illegible]	[illegible]	63.7
[illegible]	[illegible]	64.7	64.7	[illegible]	[illegible]	[illegible]	64.9	[illegible]	[illegible]	65.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	68.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.1
[illegible]	[illegible]	72.4	72.4	[illegible]	72.6	[illegible]	[illegible]	[illegible]	72.7	[illegible]
[illegible]	73.3	73.5	[illegible]	[illegible]	73.7	73.7	73.7	[illegible]	[illegible]	74.0
[illegible]	[illegible]	[illegible]	[illegible]	74.4	74.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.1	81.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	87.4	87.5	87.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.1	89.1	89.1	[illegible]	[illegible]	89.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.0	91.1
[illegible]	[illegible]	92.1	[illegible]	92.3	92.4	92.4	92.4	[illegible]	[illegible]	92.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	94.3	94.3	94.3	94.4	94.5
[illegible]	[illegible]	95.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.3
[illegible]	[illegible]	96.7	97.1	97.7	98.3	98.3	98.7	[illegible]	99.1	99.9
[illegible]	[illegible]	96.7	97.1	97.7	98.3	98.3	98.7	[illegible]	99.1	100.0

B

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM 100 L/ OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible] AFB NC PERI
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	52.2	54.3	54.[illegible]	55.5	55.[illegible]	55.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	55.1	57.2	57.5	58.4	58.[illegible]	59.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	55.1	57.2	57.5	58.4	58.[illegible]	59.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	55.1	57.2	57.5	58.4	58.[illegible]	59.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	55.5	57.5	58.1	59.[illegible]	59.5	59.7	[illegible]	[illegible]	[illegible]	60.1
GE 12000	55.5	[illegible]	58.3	59.8	60.4	60.5	[illegible]	[illegible]	61.[illegible]	61.[illegible]
GE 10000	59.3	62.2	62.5	63.4	64.3	64.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	59.1	62.3	62.7	63.[illegible]	64.1	64.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	59.4	63.5	63.9	67.3	67.6	67.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	66.7	67.1	68.1	69.2	69.2	[illegible]	69.5	[illegible]	[illegible]
GE 6000	65.2	68.4	68.[illegible]	70.0	70.[illegible]	71.0	71.2	71.2	71.[illegible]	71.[illegible]
GE 5000	67.[illegible]	70.1	70.[illegible]	71.7	72.5	72.7	72.[illegible]	72.[illegible]	72.[illegible]	72.1
GE 4500	72.3	72.5	73.0	74.3	75.1	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
GE 4000	73.[illegible]	75.5	75.[illegible]	77.3	75.1	77.[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]
GE 3500	74.2	75.5	76.2	78.2	78.2	78.1	79.[illegible]	79.4	79.[illegible]	79.[illegible]
GE 3000	75.4	77.[illegible]	78.4	79.7	80.5	80.[illegible]	81.0	81.[illegible]	81.1	81.[illegible]
GE 2500	76.2	78.7	79.6	81.0	81.[illegible]	82.0	82.3	82.5	82.[illegible]	[illegible]
GE 2000	76.7	79.1	80.1	81.5	82.7	82.[illegible]	83.1	83.1	83.5	83.[illegible]
GE 1800	76.9	79.4	80.4	81.[illegible]	83.0	83.2	83.4	83.4	83.7	83.[illegible]
GE 1500	77.5	80.0	81.2	82.5	84.0	84.2	84.4	84.4	84.[illegible]	84.[illegible]
GE 1200	78.0	80.4	81.[illegible]	83.4	84.6	84.[illegible]	85.1	85.2	85.4	85.[illegible]
GE 1000	78.7	81.2	82.7	84.3	85.7	85.9	[illegible]	86.3	[illegible]	86.[illegible]
GE 900	79.0	81.5	83.1	84.7	86.1	86.5	[illegible]	[illegible]	87.[illegible]	87.[illegible]
GE 800	79.2	81.[illegible]	83.5	85.3	86.9	87.1	87.[illegible]	87.5	87.7	[illegible]
GE 700	79.4	81.9	83.8	85.5	87.1	87.3	87.[illegible]	87.7	[illegible]	88.[illegible]
GE 600	79.5	82.0	84.1	85.[illegible]	87.5	87.5	[illegible]	[illegible]	[illegible]	88.[illegible]
GE 500	79.[illegible]	82.5	84.7	87.0	89.2	89.4	90.4	90.[illegible]	91.[illegible]	91.[illegible]
GE 400	79.[illegible]	82.5	84.7	87.0	90.1	91.3	92.3	92.7	93.[illegible]	93.[illegible]
GE 300	79.4	82.5	84.7	87.0	90.3	91.7	92.[illegible]	93.7	94.1	94.[illegible]
GE 200	79.4	82.5	84.7	87.0	90.4	92.0	93.4	94.4	95.[illegible]	95.[illegible]
GE 100	79.4	82.5	84.8	87.1	90.6	92.3	93.7	94.5	95.1	95.[illegible]
GE 000	79.4	82.5	84.9	87.1	90.6	92.3	93.7	94.5	95.1	95.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

1 - 2 - [illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: OCT HOURS: 00-02

VISIBILITY IN STATUTE MILES										
[illegible] 1/2	[illegible] 2	[illegible] 1 1/2	[illegible] 1 1/4	[illegible] 1	[illegible] 3/4	[illegible] 5/8	[illegible] 1/2	[illegible] 3/8	[illegible] 1/4	[illegible] 0
[illegible].1	[illegible].3	[illegible].3	[illegible].5	[illegible]	[illegible].5	[illegible].6	56.7	56.7	[illegible]	56.9
[illegible]	[illegible].2	[illegible].2	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.9
[illegible]	[illegible].2	[illegible].2	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.9
[illegible].7	[illegible]	59.9	[illegible]	60.1	60.1	60.1	60.2	60.2	60.4	60.5
[illegible]	[illegible]	[illegible]	61.[illegible]	61.1	61.1	61.1	61.2	[illegible]	61.4	61.5
[illegible].2	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	64.7	[illegible]	65.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	64.7	64.7	[illegible]	[illegible]	[illegible].1	65.2
[illegible]	[illegible].1	[illegible].1	[illegible]	[illegible]	[illegible].3	[illegible].3	[illegible]	[illegible]	[illegible]	68.7
[illegible].2	[illegible]	69.5	[illegible]	69.7	[illegible].7	69.7	[illegible]	[illegible]	[illegible]	70.1
71.[illegible]	71.2	71.2	71.[illegible]	71.4	71.4	71.4	71.5	71.5	71.7	71.[illegible]
72.7	[illegible]	[illegible]	[illegible]	73.1	73.1	73.1	73.2	[illegible]	[illegible]	73.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	75.7	75.7	[illegible]	[illegible]	[illegible]	76.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	76.7	76.7	[illegible]	[illegible]	[illegible].1	79.2
79.1	[illegible]	79.4	[illegible]	[illegible]	79.6	79.6	79.7	79.7	[illegible]	80.1
[illegible]	[illegible]	[illegible]	81.1	81.3	81.3	81.3	81.4	81.4	81.7	81.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]	83.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]	84.1
[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].3	84.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.4
[illegible]	[illegible].1	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]	86.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.4
[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible].1	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].4	[illegible]
[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible].1	89.4
[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	91.2	91.2	91.3	91.3	91.5	[illegible]
[illegible]	[illegible]	[illegible].7	[illegible]	93.2	93.3	93.3	93.4	93.4	[illegible]	94.1
[illegible]	[illegible]	[illegible].7	[illegible].1	[illegible]	94.7	94.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].7	[illegible]	[illegible].1	95.6	95.9	[illegible]	[illegible]	[illegible]	[illegible]	99.6
[illegible]	[illegible].7	[illegible]	95.1	95.6	95.9	[illegible]	[illegible]	[illegible]	[illegible]	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible] DAILY OBSERVATIONS

STATION NUMBER: 723053 STATION NAME: [illegible]
LST IS UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	53.4	[illegible]	[illegible]	57.0	53.4	59.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	53.4	[illegible]	[illegible]	57.0	53.4	59.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	53.4	[illegible]	[illegible]	57.0	53.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	53.7	[illegible]	[illegible]	57.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	71.4	72.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	71.[illegible]	71.[illegible]	72.7	74.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	72.3	[illegible]	74.1	74.[illegible]	75.[illegible]	77.2	77.[illegible]	77.[illegible]	77.[illegible]	[illegible]
GE 3500	72.3	74.[illegible]	75.[illegible]	76.[illegible]	73.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	73.1	[illegible]	77.[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	74.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	74.4	77.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	74.[illegible]	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	73.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	76.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	76.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	76.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	76.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible]

PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: OCT HOURS: 03-05

VISIBILITY IN STATUTE MILES

[illegible] 1/2	[illegible] 2	GE 1 1/2	[illegible] 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	[illegible]	GE 1/4	GE 0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.2	58.1
[illegible]	[illegible]	58.2	[illegible]	[illegible]	[illegible]	59.6	[illegible]	[illegible]	[illegible]	61.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.6	[illegible]	[illegible]	[illegible]	61.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.6	59.6	[illegible]	[illegible]	[illegible]	61.1
[illegible]	[illegible]	[illegible]	[illegible]	59.7	[illegible]	[illegible]	[illegible]	60.1	60.4	61.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.1	[illegible]	[illegible]	62.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.7	64.7	[illegible]	[illegible]	[illegible]	66.2
[illegible]	[illegible]	[illegible]	66.1	[illegible]	66.3	66.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	67.1	67.2	67.3	67.4	67.5	67.5	67.7	[illegible]	[illegible]	69.0
[illegible]	[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.7	69.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	72.7	[illegible]	[illegible]	[illegible]	74.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.1	[illegible]	[illegible]	77.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.6
[illegible]	[illegible]	80.4	[illegible]	81.0	81.1	81.1	81.3	81.6	81.7	82.6
[illegible]	[illegible]	81.5	81.7	82.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	82.4	[illegible]	83.0	[illegible]	[illegible]	[illegible]	[illegible]	84.7
[illegible]	[illegible]	82.4	82.5	[illegible]	83.1	83.1	83.4	83.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.1	84.1	84.4	84.6	84.9	[illegible]
[illegible]	[illegible]	83.7	[illegible]	84.4	84.5	84.6	84.7	85.1	[illegible]	86.3
[illegible]	[illegible]	84.6	84.7	85.2	85.4	85.4	85.7	[illegible]	[illegible]	87.1
[illegible]	[illegible]	[illegible]	85.3	85.7	85.9	85.9	86.2	[illegible]	[illegible]	87.5
[illegible]	[illegible]	85.3	85.4	[illegible]	86.0	86.0	86.3	86.5	[illegible]	87.7
[illegible]	85.7	[illegible]	86.1	[illegible]	[illegible]	[illegible]	87.1	87.2	[illegible]	88.5
[illegible]	[illegible]	86.7	[illegible]	87.3	87.4	87.4	87.7	[illegible]	88.3	89.1
[illegible]	[illegible]	87.7	[illegible]	[illegible]	88.6	88.7	[illegible]	89.1	[illegible]	90.4
[illegible]	[illegible]	89.6	89.7	90.1	90.5	90.6	91.0	91.1	91.5	92.7
[illegible]	[illegible]	91.1	91.2	92.0	92.5	92.6	93.2	93.3	[illegible]	94.9
[illegible]	[illegible]	92.0	92.5	93.5	94.1	94.2	95.3	[illegible]	95.5	97.8
[illegible]	[illegible]	92.0	92.5	93.7	94.2	94.3	95.4	95.7	95.9	100.0
[illegible]	[illegible]	92.0	92.5	93.7	94.2	94.3	95.4	95.7	[illegible]	100.0

b

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
BY CEILING AND VISIBILITY

STATION NUMBER: 72606 STATION NAME: [illegible]
LST TO UTC: +5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 3	GE 2	GE 1	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	43.9	45.1	46.9	47.5	48.2	48.3	[illegible]	49.2	49.5	49.
GE 20000	47.[illegible]	48.7	51.7	52.4	53.2	53.3	53.7	54.[illegible]	[illegible]	54.[illegible]
GE 18000	49.1	49.9	51.9	52.5	53.5	53.7	54.3	54.5	[illegible]	54.
GE 16000	49.1	49.9	51.9	52.5	53.5	53.7	54.3	54.4	[illegible]	54.[illegible]
GE 14000	49.3	50.1	52.2	52.[illegible]	53.[illegible]	54.0	54.2	54.[illegible]	55.2	55.2
GE 12000	49.3	51.3	53.3	54.3	54.9	55.2	55.5	55.1	55.3	55.[illegible]
GE 10000	52.[illegible]	53.1	57.4	58.2	59.7	59.9	60.3	60.3	61.1	61.1
GE 9000	53.3	55.5	57.[illegible]	58.5	60.4	57.[illegible]	61.3	61.	61.[illegible]	61.
GE 8000	55.9	57.5	62.3	62.3	64.7	64.9	65.1	65.[illegible]	65.1	65.1
GE 7000	56.2	61.3	63.4	64.2	66.1	66.3	66.[illegible]	67.4	67.[illegible]	67.[illegible]
GE 6000	59.3	[illegible]	65.3	66.[illegible]	68.6	[illegible]	[illegible]	[illegible]	[illegible]	69.[illegible]
GE 5000	63.3	69.3	69.3	69.7	71.6	71.[illegible]	72.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
GE 4500	64.[illegible]	69.2	70.3	71.9	73.3	74.1	74.[illegible]	75.4	75.7	75.7
GE 4000	65.1	70.7	72.5	73.7	75.7	75.9	76.[illegible]	77.5	77.	77.
GE 3500	67.4	71.5	73.[illegible]	74.2	77.1	77.3	78.[illegible]	78.[illegible]	79.1	79.1
GE 3000	68.7	72.4	74.9	75.9	78.5	79.7	79.4	[illegible]	[illegible]	[illegible]
GE 2500	69.7	75.4	75.9	77.4	79.[illegible]	79.[illegible]	80.4	81.4	81.5	81.
GE 2000	70.[illegible]	73.9	75.5	77.3	80.3	80.[illegible]	[illegible]	81.7	82.[illegible]	82.
GE 1800	70.1	74.3	75.5	78.0	80.1	80.3	81.[illegible]	81.[illegible]	82.[illegible]	82.[illegible]
GE 1500	70.5	74.4	77.0	78.4	80.5	80.[illegible]	81.5	82.4	82.7	82.7
GE 1200	70.5	74.6	77.2	78.5	80.5	81.[illegible]	81.7	82.7	83.[illegible]	83.[illegible]
GE 1000	70.9	74.9	77.5	79.0	81.2	81.7	82.[illegible]	83.4	83.[illegible]	83.
GE 800	70.9	74.9	77.5	79.2	81.2	82.[illegible]	82.[illegible]	83.[illegible]	84.3	84.3
GE 600	71.2	75.3	78.3	79.4	82.4	83.[illegible]	83.[illegible]	84.[illegible]	85.4	85.4
GE 500	71.3	75.5	78.2	80.5	83.1	84.2	84.[illegible]	85.7	86.3	86.3
GE 400	71.7	75.[illegible]	78.6	80.9	83.[illegible]	84.4	85.4	86.5	87.4	87.4
GE 300	71.9	75.1	78.5	81.5	84.7	85.[illegible]	86.5	87.[illegible]	88.[illegible]	88.7
GE 200	71.9	76.2	78.5	81.9	85.4	86.6	87.7	89.1	90.4	90.5
GE 150	71.9	76.2	78.6	82.2	85.9	87.3	88.9	90.[illegible]	91.9	92.[illegible]
GE 100	71.9	76.2	78.6	82.2	85.9	87.4	89.1	90.9	92.4	93.[illegible]
GE 000	71.9	76.2	78.6	82.2	85.9	87.4	89.1	90.9	92.4	93.2

TOTAL NUMBER OF OBSERVATIONS 330

9 - 2 - 84

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: OCT HOURS: 06-0[illegible]

VISIBILITY IN STATUTE MILES

GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	[illegible]	49.2	49.5	49.5	49.5	49.5	[illegible]	[illegible]	[illegible]	50.2
[illegible]	53.7	[illegible]	[illegible]	[illegible]	[illegible]	54.6	[illegible]	[illegible]	[illegible]	55.4
53.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.7
[illegible]	[illegible]	54.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.7
54.0	[illegible]	[illegible]	55.2	55.2	55.2	55.2	[illegible]	[illegible]	[illegible]	56.0
[illegible]	[illegible]	56.1	56.3	56.3	56.3	56.3	56.7	[illegible]	[illegible]	57.2
[illegible]	[illegible]	[illegible]	61.1	61.1	61.1	61.1	61.4	[illegible]	[illegible]	61.9
[illegible]	61.0	[illegible]	[illegible]	[illegible]	61.3	[illegible]	62.2	[illegible]	[illegible]	62.7
[illegible]	[illegible]	[illegible]	66.1	66.1	66.1	66.1	[illegible]	[illegible]	[illegible]	67.0
[illegible]	[illegible]	67.4	[illegible]	[illegible]	[illegible]	67.6	[illegible]	68.1	68.1	68.5
[illegible]	[illegible]	[illegible]	[illegible]	69.3	[illegible]	[illegible]	70.1	[illegible]	[illegible]	70.6
71.[illegible]	[illegible]	[illegible]	73.2	73.2	73.2	73.4	[illegible]	[illegible]	[illegible]	74.[illegible]
[illegible]	[illegible]	75.4	75.7	75.7	75.7	[illegible]	76.1	[illegible]	[illegible]	76.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.7	[illegible]	[illegible]	[illegible]	78.7
77.5	[illegible]	[illegible]	79.1	79.1	79.1	79.2	79.7	[illegible]	[illegible]	80.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.5	[illegible]	81.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	82.7
[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	82.2	[illegible]	82.7	[illegible]	83.1
[illegible]	[illegible]	[illegible]	82.2	[illegible]	[illegible]	82.3	82.7	[illegible]	[illegible]	83.2
[illegible]	[illegible]	82.4	82.7	82.7	82.7	[illegible]	83.2	[illegible]	[illegible]	[illegible]
[illegible]	81.7	82.7	[illegible]	83.0	83.0	83.1	[illegible]	83.7	[illegible]	84.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.3	[illegible]	[illegible]	[illegible]	[illegible]	85.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	85.7	[illegible]	[illegible]	[illegible]	86.5	[illegible]	[illegible]	[illegible]	87.4
[illegible]	[illegible]	[illegible]	87.4	87.4	87.6	87.6	88.1	88.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.0
[illegible]	87.7	89.1	90.4	[illegible]	91.0	91.1	91.6	91.7	91.7	92.5
[illegible]	[illegible]	[illegible]	91.0	[illegible]	93.1	[illegible]	94.1	[illegible]	94.3	95.1
[illegible]	[illegible]	[illegible]	92.4	93.1	94.1	94.3	95.3	[illegible]	[illegible]	97.0
87.4	[illegible]	[illegible]	92.4	93.2	94.2	94.4	95.5	95.7	95.7	99.0
[illegible]	[illegible]	[illegible]	92.4	93.2	94.2	94.4	[illegible]	95.7	95.7	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible] BY [illegible] VISIBILITY

STATION NUMBER: 725255 STATION NAME: [illegible]
LST TO UTC: +5

CEILING IN FEET	5/8 7	3/4 6	5/8 5	1/2 4	3/8 3	1/4 2 1/2	1/8 2	1 1/4	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 050	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: OCT HOURS: 09-11

VISIBILITY IN STATUTE MILES

[illegible] 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	[illegible]	1/4	0
[illegible]	[illegible]	50.[illegible]	50.[illegible]	50.[illegible]	50.[illegible]	50.[illegible]	50.	50.[illegible]	[illegible]	50.[illegible]
[illegible]	55.[illegible]	55.[illegible]	55.0	55.[illegible]	55.3	55.0	55.3	55.[illegible]	55.[illegible]	55.0
[illegible]	[illegible]	55.[illegible]	[illegible]	56.[illegible]	56.[illegible]	55.3	55.[illegible]	56.[illegible]	[illegible]	56.[illegible]
[illegible]	[illegible]	[illegible]	56.	[illegible]	56.[illegible]	55.3	56.[illegible]	56.[illegible]	[illegible]	56.3
[illegible]	57.2	57.2	57.0	57.2	57.0	57.2	57.0	57.0	57.0	57.2
[illegible]	[illegible]	58.[illegible]	[illegible]	[illegible]	58.0	58.0	58.0	58.[illegible]	58.[illegible]	58.0
[illegible]	[illegible]	62.[illegible]	[illegible]	62.[illegible]	62.[illegible]	62.	62.	[illegible]	[illegible]	62.[illegible]
[illegible]	63.[illegible]	63.	63.	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	[illegible]	[illegible]	63.[illegible]
[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.2	67.2	67.2	67.2	67.[illegible]	67.[illegible]	67.2
[illegible]	[illegible]	69.4	[illegible]	69.4	69.4	69.4	69.4	69.4	[illegible]	69.4
[illegible].1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	[illegible].1	70.1
71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.3	71.3	71.3	71.3	71.[illegible]	71.[illegible]	71.3
74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.0	74.0	74.0	74.0	74.[illegible]	74.0	74.0
[illegible]	77.3	77.[illegible]	77.[illegible]	77.3	77.3	77.3	77.3	77.[illegible]	77.[illegible]	77.3
[illegible]	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
[illegible]	[illegible]	[illegible]	[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	[illegible]	[illegible]	[illegible]	82.[illegible]
[illegible]	[illegible]	83.[illegible]	[illegible]	83.[illegible]	83.	83.[illegible]	83.[illegible]	83.[illegible]	[illegible]	83.[illegible]
[illegible]	[illegible]	85.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].2
[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	86.7	86.7	86.7	[illegible].7	[illegible].7	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	89.7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	89.7
[illegible]	[illegible]	90.[illegible]	[illegible]	90.1	90.1	[illegible].1	90.1	90.1	90.1	90.1
[illegible]	[illegible]	91.[illegible]	91.[illegible]	91.3	91.3	91.3	91.3	91.[illegible]	91.3	91.3
[illegible]	91.[illegible]	91.3	91.[illegible]	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	[illegible]	91.[illegible]	[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.7	92.7	92.7	92.7
[illegible]	[illegible]	93.4	[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.2	94.2
[illegible]	[illegible]	94.7	95.1	95.[illegible]	95.5	95.5	95.7	95.7	95.7	95.[illegible]
[illegible]	[illegible]	95.6	96.[illegible]	96.[illegible]	97.0	97.[illegible]	97.2	97.2	97.2	97.[illegible]
[illegible]	[illegible]	[illegible].7	96.[illegible]	97.[illegible]	[illegible].4	98.4	[illegible].7	98.7	[illegible]	99.1
[illegible]	[illegible]	96.7	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

6

OPERATING LOCATION "A"
USAFTAC, [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: +5

CEILING (FEET)	7	6	5	4	3	2 1/2	2	1 1/2	1	1/2	0
NO CEIL	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	51.3	51.3	51.7	52.3	52.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	52.7	53.3	53.3	53.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	52.3	52.7	53.3	53.3	53.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	52.3	52.7	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

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  FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
        FROM HOURLY OBSERVATIONS

                              PERIOD OF RECORD:  JUL 7  - JU
                              MONTH: OCT   HOURS: 12-14
.....................................................................
 ILITY IN STATUTE MILES
                       GE                 GE      GE
 1/      2   1 1/2  1 1/4    1     3/4           1/2           1/4      0
.....................................................................

  .7                44.7         45.7   4 .7   45.7                 44.7

                           2.          52.2          2.                 52.2
                                       52.                               52.
                                       52.                               52.
  .7   5.7   53.7   55.7   53.7   53.7   53.7   53.7    3.7    3.7     53.7
                                       56.5                              56.6

                                                                         59.
                                                                         59.
                                       55.2   53.2                       53.2
                                       55.4   55.4   55.4   55.4         55.4
                                                                         56.5

  .7                                    .7     .7                 .7     55.7
         7 .                   73.5   72.5   72.                         72.
         7 .   77.1   77.1   77.1   77.1   77.1   77.1   77.1   77.1     77.1
                                        .2                                 .2
                                .4     3.4                 .4              .4

         .7      .1      .1     .2      .2                                 .
                 .7      .7
                77.      7.     7.      7.     7.     7.     7.     7.     7.
  7.4   7.4     7.7     7.7     7.      7.     7.     7.     7.     7.     7.
  .7     .7      .       .      .1      .1     .1     .1     .1      .      .1

          .1                            93.5                              93.
  .1                           93.     93.5   93.5                       90.
         91.7   92.2   92.2   92.4   92.4   92.4   92.4   92.4   92.      92.4
  .7             93.5   93.5   93.5   93.5   93.5   93.5   93.5   93.      93.5
                 94.    94.    94.4   94.4   94.4   94.4   94.4   94.      94.4

                                        96.1                              96.
                 97.    97.    97.7   97.7   97.7   97.7   97.7   97.7     97.7
          .7   97.7   98.1   98.    98.5   98.5   98.5   98.    98.       98.6
                 99.           99.    99.0   99.0   99.2   99.    99.      99.
                 99.           99.    99.0   99.0   99.2   99.    99.     100.0

                 99.    99.    99.    99.0   99.0   99.    99.    99.     100.0
.....................................................................
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D - 2 - 14

B

OPERATING LOCATION [illegible]
USAFETAC, [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	91.4	[illegible]	92.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	91.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	92.7	93.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	92.7	93.2	94.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 0	[illegible]	[illegible]	92.7	[illegible]	94.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]

MONTH: OCT HOURS: 15-17

VISIBILITY IN STATUTE MILES

[illegible] 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	44.7
[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
[illegible]	[illegible]	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
[illegible]	[illegible]	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
[illegible]	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
[illegible]	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.5	57.5	57.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.4	60.4	60.4	60.4	[illegible]	60.4
[illegible]	[illegible]	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
[illegible]	[illegible]	68.4	[illegible]	[illegible]	[illegible]	68.4	68.4	[illegible]	[illegible]	68.4
[illegible]	72.2	72.2	[illegible]	72.2	72.2	72.2	72.2	72.2	72.2	72.2
75.1	75.1	75.1	75.1	75.1	75.1	75.1	74.1	75.1	75.1	75.1
[illegible]	[illegible]	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
[illegible]	[illegible]	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
[illegible]	[illegible]	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
[illegible]	[illegible]	[illegible]	[illegible]	85.3	85.3	85.3	85.3	85.3	[illegible]	85.3
87.[illegible]	[illegible]	[illegible]	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
[illegible]	[illegible]	[illegible]	[illegible]	88.2	88.2	88.2	88.2	[illegible]	[illegible]	88.2
[illegible]	[illegible]	89.1	[illegible]	89.1	89.1	89.1	89.1	89.1	89.1	89.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.3	90.3	90.3	[illegible]	[illegible]	90.3
[illegible]	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	91.[illegible]	91.[illegible]	[illegible]	92.0	92.0	92.0	92.0	92.0	92.0	92.0
[illegible]	[illegible]	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
[illegible]	[illegible]	94.3	94.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1
[illegible]	[illegible]	94.7	[illegible]	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	95.2	95.[illegible]	[illegible]	95.8	96.0	96.0	96.0	96.0	96.0	96.0
[illegible]	[illegible]	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	[illegible]	97.9	[illegible]	98.1	98.4	98.4	98.4	[illegible]	[illegible]	98.4
[illegible]	[illegible]	97.[illegible]	98.5	99.3	99.5	99.6	99.6	99.5	99.6	99.9
[illegible]	[illegible]	97.[illegible]	98.5	98.[illegible]	99.5	99.6	99.6	99.6	99.7	100.0
[illegible]	[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	99.5	99.6	99.6	99.6	99.7	100.0

B

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY [illegible]

STATION NUMBER: 72306 STATION NAME: [illegible]
EST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	53.0	53.1	53.9	54.1	54.2	54.2	54.3	54.3	54.3
GE 20000	55.0	57.7	57.8	57.7	57.8	57.8	57.8	57.8	57.8
GE 17000	56.7	56.7	57.6	57.6	58.0	58.0	58.0	58.0	58.0
GE 15000	56.2	56.4	57.6	57.6	58.0	58.0	58.0	58.0	58.0
GE 14000	56.4	56.6	57.7	58.0	58.1	58.1	58.1	58.1	58.1
GE 12000	54.6	54.7	59.6	59.8	59.9	59.9	59.9	59.9	59.9
GE 10000	60.6	60.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8
GE 9000	61.1	61.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
GE 8000	64.7	64.9	65.8	66.0	66.1	66.1	66.1	66.1	66.1
GE 7000	66.1	66.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6
GE 6000	67.1	67.3	68.5	68.7	68.9	68.9	68.9	68.9	68.9
GE 5000	71.2	71.6	73.0	73.4	73.6	73.8	73.8	73.8	73.8
GE 4500	75.2	75.6	77.3	77.4	77.7	77.7	77.7	77.7	77.7
GE 4000	77.3	77.4	78.8	79.2	79.6	79.8	79.8	79.8	79.8
GE 3500	79.1	79.5	81.3	81.7	82.0	82.2	82.2	82.2	82.2
GE 3000	81.6	82.2	83.8	84.3	84.6	84.8	84.8	84.8	84.8
GE 2500	82.7	83.3	85.1	85.6	86.0	86.1	86.1	86.1	86.1
GE 2000	83.7	84.4	86.8	86.8	87.3	87.3	87.3	87.3	87.3
GE 1500	84.7	85.5	86.7	87.1	87.5	87.5	87.5	87.5	87.5
GE 1000	85.4	86.3	87.4	88.0	88.5	88.7	88.7	88.7	88.7
GE 1200	85.2	86.3	88.8	89.1	89.7	89.8	89.8	89.8	89.8
GE 1000	85.2	86.3	88.8	89.1	89.8	90.0	90.1	90.1	90.1
GE 900	85.3	86.6	88.7	89.3	90.1	90.3	90.4	90.4	90.4
GE 800	85.6	86.7	88.9	89.8	90.6	91.0	91.0	91.0	91.0
GE 700	85.7	86.9	89.4	90.2	91.1	91.5	91.5	91.5	91.5
GE 600	85.7	87.0	90.2	91.1	91.9	92.2	92.4	92.4	92.4
GE 500	85.9	87.6	91.1	92.0	93.4	94.2	94.7	94.7	94.8
GE 400	85.9	87.6	91.1	92.4	94.5	94.9	95.0	95.1	95.1
GE 300	85.9	87.6	91.2	92.5	94.7	95.2	95.3	95.3	95.3
GE 200	85.9	87.6	91.2	92.5	94.7	95.2	95.3	97.3	97.4
GE 100	85.9	87.6	91.2	92.5	94.7	95.2	95.3	97.3	97.4	97.5
GE 000	85.9	87.6	91.2	92.5	94.7	95.2	95.3	97.3	97.4	97.5

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR MONTHLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: OCT HOURS: 18-20

VISIBILITY IN STATUTE MILES										
GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]
[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]
[illegible]	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
[illegible]	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
[illegible]	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
[illegible]	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
[illegible]	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
[illegible]	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
[illegible]	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
[illegible]	94.7	94.7	94.[illegible]	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	[illegible]	95.[illegible]	95.[illegible]	95.1	95.1	95.1	95.1	95.1	95.1	95.1
[illegible]	[illegible]	96.3	[illegible]	96.9	97.1	97.1	97.1	97.1	97.2	97.2
[illegible]	[illegible]	[illegible]	97.3	97.4	97.7	97.7	97.[illegible]	97.[illegible]	97.4	98.8
[illegible]	96.9	97.0	97.4	97.5	98.0	98.0	98.1	98.2	98.9	100.0
[illegible]	96.9	97.0	97.4	97.5	98.0	98.0	98.1	98.2	98.9	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PHASE A-3 NA
LST IS UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 5	4	3	2	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	54.4	55.2	55.[illegible]	56.3	56.[illegible]	56.9	57.[illegible]	57.[illegible]	57.[illegible]
GE 20000	57.2	[illegible]	[illegible]	59.1	59.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	57.2	[illegible]	[illegible]	59.1	59.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	57.2	[illegible]	59.6	59.1	59.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	57.7	[illegible]	60.1	59.7	60.1	60.3	[illegible]	[illegible]	[illegible]
GE 12000	59.6	62.3	61.[illegible]	61.9	61.9	62.7	62.3	62.3	[illegible]
GE 10000	63.2	64.1	64.7	65.3	65.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	63.7	64.5	65.2	65.7	66.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	66.1	67.2	67.[illegible]	[illegible]	68.1	68.4	[illegible]	[illegible]	[illegible]
GE 7000	67.2	[illegible]	68.3	69.3	70.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	68.4	[illegible]	70.2	71.[illegible]	71.9	72.3	72.3	72.8	[illegible]
GE 5000	70.9	72.3	73.0	74.1	74.[illegible]	75.1	[illegible]	[illegible]	[illegible]
GE 4500	73.9	74.[illegible]	75.3	76.3	77.1	77.[illegible]	77.3	77.[illegible]	77.[illegible]
GE 4000	75.3	76.4	77.[illegible]	78.7	79.5	79.7	79.9	79.[illegible]	[illegible]
GE 3500	76.[illegible]	78.1	79.[illegible]	80.2	81.2	81.9	81.4	81.[illegible]	81.[illegible]
GE 3000	77.4	[illegible]	81.1	82.[illegible]	83.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	81.9	82.2	83.7	84.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	79.4	81.7	83.9	84.5	85.9	85.7	[illegible]	[illegible]	85.1
GE 1800	79.4	81.7	83.[illegible]	84.5	85.9	85.9	[illegible]	86.1	[illegible]
GE 1500	79.7	82.9	83.5	85.4	86.9	86.9	87.1	87.1	87.[illegible]
GE 1200	80.4	[illegible]	84.7	85.7	87.[illegible]	87.2	[illegible]	[illegible]	[illegible]
GE 1000	80.9	83.3	85.3	87.2	88.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	80.9	83.5	85.4	87.4	88.7	89.3	[illegible]	[illegible]	[illegible]
GE 800	80.9	82.7	85.7	87.7	89.2	89.6	89.9	[illegible]	[illegible]
GE 700	81.1	83.9	85.9	88.2	89.7	90.0	90.3	90.4	90.7
GE 600	81.4	84.4	86.7	88.9	90.4	90.8	91.1	91.1	91.4
GE 500	81.5	84.5	87.0	89.6	91.5	91.9	92.5	92.5	92.7
GE 400	81.5	84.5	87.0	89.7	92.0	92.5	93.2	92.9	94.3
GE 300	81.5	84.5	87.0	89.9	92.4	93.1	93.9	94.7	94.9
GE 200	81.5	84.5	87.0	89.9	92.5	93.4	94.2	95.4	95.7
GE 100	81.5	84.5	87.0	89.9	92.5	93.4	94.2	95.4	95.7
GE 000	81.5	84.5	87.0	89.9	92.5	93.4	94.2	95.4	95.7

TOTAL NUMBER OF OBSERVATIONS 230

[illegible] - 2 - [illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: OCT HOURS: 21-23

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.4	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.0	60.1	60.1	60.2	60.2	60.2	60.3	
[illegible]	[illegible]	[illegible]	60.3	60.3	60.0	60.1	60.1	60.2	60.2	60.2	60.3	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.0	60.1	60.1	[illegible]	[illegible]	[illegible]	60.3	
[illegible]	61.4	60.4	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.9	
[illegible]	62.3	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.7	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.1	65.2	65.2	65.3	65.3	65.3	66.5	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.7	66.7	[illegible]	[illegible]	[illegible]	66.9	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.7	67.7	[illegible]	[illegible]	[illegible]	69.3	
[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.9	71.9	71.9	71.1	71.1	71.1	71.1	71.9	
[illegible]	72.2	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.7	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.3	75.4	75.4	75.5	75.5	75.5	75.6	
[illegible]	77.3	77.5	77.5	77.5	77.7	77.7	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	78.3	
[illegible]	[illegible]	79.3	79.3	79.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.3	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.1	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	87.1	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.9	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.9	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.3	
[illegible]	[illegible]	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.9	
[illegible]	91.1	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.7	
[illegible]	[illegible]	92.5	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.2	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.4	94.4	[illegible]	94.5	94.5	94.5	94.5	
[illegible]	[illegible]	94.7	94.9	95.4	95.5	95.5	96.0	96.0	96.7	96.8	96.8	
[illegible]	[illegible]	95.4	[illegible]	96.3	97.1	97.2	97.6	97.7	98.7	99.4		
[illegible]	94.2	95.4	95.7	96.3	97.2	97.4	98.0	99.1	99.1	100.0		
[illegible]	94.2	95.4	95.7	96.3	97.2	97.4	98.0	99.1	99.1	100.0		

OPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE OF CLI
USAFETAC, ASHEVILLE NC [illegible] HOURLY [illegible] OF WEATHER

STATION NUMBER: [illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	71.1	72.7	73.6	74.3	75.1	75.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.1	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 7440

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: ALL

VISIBILITY IN STATUTE MILES										
2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
52.3	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.9
55.5	55.5	55.6	55.7	55.7	55.7	55.7	56.1	56.1	56.4	57.1
55.7	55.8	55.9	56.4	57.0	57.0	57.0	57.1	57.1	57.2	57.4
55.7	55.8	55.9	56.4	57.0	57.0	57.0	57.1	57.1	57.2	57.4
57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.3	59.5
62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.7	62.7	62.9	63.0
63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.3	63.3
65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.6	65.7	65.7	66.0
67.7	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.4
69.6	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.1	70.3
72.5	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.8	72.8	73.0
75.4	75.4	75.5	75.6	75.6	75.6	75.7	75.8	75.8	75.9	76.0
76.4	76.1	76.5	76.4	76.4	76.5	76.5	76.6	76.6	76.7	76.9
78.2	78.1	78.3	78.4	78.5	78.5	78.5	78.6	78.7	78.8	78.9
79.8	79.8	79.9	79.9	79.7	79.7	79.8	79.9	79.9	79.9	80.0
84.4	84.4	84.5	84.6	84.7	84.8	84.8	84.1	84.8	84.8	84.9
85.6	85.6	85.8	85.1	85.2	85.2	85.3	85.4	85.4	85.5	85.7
86.4	86.4	86.5	86.4	86.5	86.5	86.6	86.6	86.7	86.7	86.9
87.6	87.6	87.6	87.6	87.6	87.6	87.5	87.6	87.6	87.6	87.8
87.2	87.2	87.1	87.2	87.3	87.3	87.3	87.5	87.7	87.7	87.8
89.6	89.6	89.7	89.8	89.9	89.9	89.9	89.8	89.8	89.8	89.8
90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.1
90.5	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.9	90.9	90.9
91.4	91.4	91.7	91.8	91.1	91.2	91.2	91.3	91.4	91.5	91.7
92.2	92.2	92.3	92.4	92.5	92.5	92.9	93.0	93.0	93.1	93.3
93.9	93.9	93.9	94.1	94.4	94.5	94.5	94.7	94.7	94.9	95.1
95.1	95.1	94.9	95.2	95.5	95.6	95.9	95.2	95.2	95.4	95.7
95.7	95.2	95.1	95.8	96.4	96.2	97.0	97.5	97.5	98.1	98.3
95.7	95.8	95.2	95.9	95.5	97.1	97.2	97.5	97.9	98.5	99.9
95.7	95.8	95.2	95.9	95.5	97.1	97.2	97.6	97.5	98.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBS. VERIFIED

STATION NUMBER: 723066 STATION NAME: PHASE ATS [illegible]
LST TO GTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	50.2	50.4	50.7	51.0	51.1	51.3	51.[illegible]	52.0	52.[illegible]	52.1
GE 20000	53.4	53.7	53.9	53.2	53.4	53.5	54.2	54.4	54.4	54.[illegible]
GE 18000	53.5	53.5	53.6	53.3	53.7	53.9	54.5	54.5	54.5	54.7
GE 16000	53.5	53.[illegible]	53.3	53.3	53.7	53.9	54.5	54.5	54.5	54.7
GE 14000	53.7	53.5	53.1	53.4	53.3	54.0	54.4	54.7	54.7	54.[illegible]
GE 12000	53.2	53.4	53.7	54.3	54.3	54.6	55.[illegible]	55.2	55.[illegible]	55.[illegible]
GE 10000	55.3	55.9	55.2	56.7	57.1	57.3	57.[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	55.[illegible]	57.1	57.5	57.9	58.4	58.7	59.1	59.[illegible]	[illegible]	59.4
GE 8000	59.5	60.0	59.3	60.9	61.[illegible]	61.[illegible]	61.[illegible]	[illegible]	[illegible]	62.[illegible]
GE 7000	63.5	61.2	61.4	62.2	62.7	62.9	63.2	63.5	63.5	62.7
GE 6000	63.[illegible]	63.9	63.5	64.[illegible]	65.3	65.2	65.7	66.[illegible]	67.[illegible]	66.[illegible]
GE 5000	64.[illegible]	65.4	66.3	66.7	67.5	67.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	67.[illegible]	68.3	69.9	69.5	70.7	70.9	71.2	71.[illegible]	71.[illegible]	71.7
GE 4000	69.[illegible]	70.4	71.3	71.7	72.[illegible]	73.[illegible]	73.[illegible]	73.7	73.[illegible]	73.[illegible]
GE 3500	70.7	71.6	72.1	72.9	73.1	74.3	75.[illegible]	75.2	75.[illegible]	75.[illegible]
GE 3000	72.9	73.[illegible]	74.3	75.1	76.4	76.7	77.3	77.3	77.[illegible]	77.7
GE 2500	75.[illegible]	76.[illegible]	76.[illegible]	77.[illegible]	78.[illegible]	79.1	79.[illegible]	79.[illegible]	[illegible]	[illegible]
GE 2000	76.3	76.[illegible]	76.5	77.[illegible]	80.[illegible]	81.1	81.[illegible]	82.[illegible]	82.[illegible]	82.1
GE 1500	77.1	77.2	78.3	80.1	81.4	81.7	82.[illegible]	83.[illegible]	83.[illegible]	83.7
GE 1000	77.[illegible]	77.4	79.4	81.7	83.2	83.5	84.[illegible]	84.4	84.4	84.[illegible]
GE 1200	78.3	79.4	81.7	84.[illegible]	85.[illegible]	85.4	86.1	86.3	86.[illegible]	86.[illegible]
GE 1000	79.4	81.3	82.1	85.[illegible]	86.1	86.[illegible]	87.3	87.4	87.4	87.7
GE 900	79.3	81.4	82.5	84.4	87.1	87.6	88.2	88.4	88.4	88.7
GE 800	80.3	81.4	83.2	85.5	88.3	88.5	89.2	89.4	89.4	89.[illegible]
GE 700	80.3	82.4	83.5	86.4	88.4	89.3	91.2	91.3	91.3	91.7
GE 600	81.1	82.7	84.1	87.[illegible]	90.[illegible]	92.1	92.[illegible]	93.2	93.[illegible]	93.[illegible]
GE 500	81.1	82.7	84.2	87.1	91.3	92.4	93.2	93.7	93.[illegible]	94.[illegible]
GE 400	81.1	82.7	84.2	87.3	91.3	92.5	93.7	94.1	94.2	94.[illegible]
GE 300	81.1	82.7	84.2	87.4	91.5	93.3	94.3	94.7	94.[illegible]	95.4
GE 200	81.1	82.7	84.2	87.4	91.6	93.3	94.3	95.1	95.4	95.5
GE 100	81.1	82.7	84.2	87.4	91.[illegible]	93.2	94.4	95.3	95.7	95.[illegible]
GE 000	81.1	82.7	84.2	87.4	91.[illegible]	93.2	94.4	95.3	95.7	95.[illegible]

TOTAL NUMBER OF OBSERVATIONS 903

[illegible] - 2 - 81

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
- HOURLY OBSERVATIONS

STATION: PERIOD OF RECORD: JUL 79 - JUN 84
MONTH: NOV HOURS: 20-02

CEILING IN HUNDREDS OF FEET — VISIBILITY IN STATUTE MILES

	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
1.3	51.7	52.4	52.5	52.1	52.1	52.2	52.4	52.4	52.4	52.5	
[illegible]	[illegible]	54.4	54.4	54.5	54.6	54.7	54.5	54.9	54.9	55.0	
[illegible]	[illegible]	54.9	55.0	54.7	54.7	54.3	55.0	57.0	57.0	55.1	
[illegible]	[illegible]	55.5	54.6	54.7	54.7	54.5	55.0	55.0	55.0	55.1	
[illegible]	[illegible]	54.7	56.7	54.2	54.5	54.3	55.1	55.1	55.1	55.2	
[illegible]	[illegible]	55.2	55.2	55.3	55.3	55.4	55.7	55.7	55.7	55.3	
[illegible]	[illegible]	[illegible]	[illegible]	.1	51.1	[illegible]	[illegible]	[illegible]	[illegible]	55.3	
[illegible]	52.1	[illegible]	[illegible]	52.4	52.4	52.5	[illegible]	[illegible]	[illegible]	52.9	
[illegible]	[illegible]	[illegible]	[illegible]	52.5	52.5	52.7	[illegible]	[illegible]	[illegible]	53.0	
[illegible]	54.2	53.5	55.5	53.7	53.7	[illegible]	[illegible]	54.0	54.0	54.1	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.2	55.3	[illegible]	56.4	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.3	
[illegible]	71.1	71.1	71.5	71.7	71.7	71.[illegible]	72.[illegible]	72.[illegible]	[illegible]	72.1	
[illegible]	[illegible]	73.7	73.7	73.[illegible]	73.[illegible]	73.[illegible]	73.1	74.1	74.1	74.[illegible]	
[illegible]	[illegible]	75.2	75.2	75.3	75.4	75.4	75.7	75.7	75.7	75.[illegible]	
[illegible]	77.1	77.[illegible]	77.7	77.7	77.7	77.[illegible]	77.[illegible]	77.[illegible]	[illegible]	78.1	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	2.1	82.1	[illegible]	82.4	82.4	[illegible]	2.5	
[illegible]	[illegible]	[illegible]	[illegible]	2.7	82.7	[illegible]	[illegible]	[illegible]	[illegible]	83.1	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.[illegible]	
[illegible]	7.[illegible]	87.4	7.4	87.7	87.7	7.[illegible]	[illegible]	[illegible]	[illegible]	89.1	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.1	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.3	
[illegible]	[illegible]	91.[illegible]	91.[illegible]	91.7	91.7	91.[illegible]	[illegible]	[illegible]	[illegible]	92.1	
[illegible]	[illegible]	93.2	93.[illegible]	93.[illegible]	93.9	94.[illegible]	94.3	94.2	94.2	94.3	
[illegible]	[illegible]	94.7	[illegible]	94.2	94.4	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.9	
[illegible]	[illegible]	94.1	94.2	94.[illegible]	95.3	95.1	95.3	95.3	95.3	95.4	
[illegible]	[illegible]	94.7	94.[illegible]	95.4	95.3	95.1	95.3	95.4	95.4	95.5	
[illegible]	[illegible]	95.1	95.4	95.5	97.4	97.[illegible]	99.4	99.[illegible]	99.3	99.2	
95.2	94.[illegible]	95.3	95.7	95.3	97.7	98.0	99.0	99.3	99.4	100.0	
[illegible]	96.4	95.3	95.7	95.4	97.7	98.0	99.0	99.3	99.4	100.0	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: [illegible]

CEILING IN FEET	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4
NO CEIL	[illegible]	[illegible]	[illegible]	51.1	51.4	51.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	51.6	[illegible]	[illegible]	52.9	53.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	53.1	53.4	53.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	53.1	53.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	53.1	53.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	56.7	57.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	57.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	57.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	71.0	71.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	72.7	[illegible]	72.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	73.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	77.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: NOV HOURS: 03-05

VISIBILITY IN STATUTE MILES

[illegible] 1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	[illegible]	1/4	0
1.7	51.9	[illegible]	[illegible]	52.4	[illegible]	52.7	[illegible]	52.9	53.2	53.4
[illegible]	[illegible]	[illegible]	54.1	54.2	54.3	54.4	[illegible]	[illegible]	55.0	55.2
[illegible]	54.2	54.5	[illegible]	[illegible]	54.9	[illegible]	55.1	55.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.1	55.6	[illegible]
[illegible]	54.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.1	55.6	[illegible]
[illegible]	55.1	55.4	55.4	55.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.7	[illegible]	[illegible]	[illegible]	[illegible]	64.7
[illegible]	64.2	64.7	64.7	[illegible]	65.1	65.2	65.4	65.4	[illegible]	66.1
[illegible]	[illegible]	65.7	65.7	[illegible]	66.1	66.2	66.4	66.4	[illegible]	67.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.2	[illegible]	[illegible]	[illegible]	[illegible]	70.2
[illegible]	[illegible]	[illegible]	71.1	[illegible]	[illegible]	71.7	[illegible]	[illegible]	71.3	[illegible]
[illegible]	71.4	[illegible]	[illegible]	72.1	[illegible]	72.4	72.7	[illegible]	73.4	73.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.2	74.4	74.7	75.2	75.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.	77.5	[illegible]
[illegible]	77.1	[illegible]	[illegible]	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.6	[illegible]	[illegible]	82.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.1	[illegible]	[illegible]	[illegible]	88.4
[illegible]	[illegible]	[illegible]	[illegible]	87.7	[illegible]	[illegible]	[illegible]	[illegible]	89.1	89.3
87.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.1	90.4	90.7	[illegible]	91.4
[illegible]	[illegible]	91.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.1	93.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.2	[illegible]	[illegible]	[illegible]	[illegible]	95.1
[illegible]	[illegible]	[illegible]	[illegible]	93.4	[illegible]	94.2	95.1	95.4	[illegible]	96.3
[illegible]	[illegible]	93.4	93.	94.3	95.1	95.4	[illegible]	97.7	[illegible]	[illegible]
[illegible]	[illegible]	93.4	[illegible]	94.3	95.2	95.6	97.1	97.7	[illegible]	100.0
[illegible]	[illegible]	93.4	[illegible]	94.3	95.2	[illegible]	97.1	97.7	[illegible]	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASH VILLE NC

STATION NUMBER: [illegible]

STATION NAME: [illegible]
LST IJ DIG: + 5

CEILING FEET	10 /	9 /	8 /	7 /	6 /	5 /	4 /	3 /	2 1/2 /	2 /	1 1/2 /	1 1/4 /	1 /
	VISIBILITY IN STATUTE MILES												
NO CEIL	43.4	44.[illegible]	44.[illegible]	45.[illegible]	45.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22000	47.[illegible]	[illegible]	[illegible]	[illegible]	47.[illegible]	48.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17000	[illegible]	[illegible]	[illegible]	49.7	49.7	50.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15000	[illegible]	[illegible]	[illegible]	[illegible]	50.1	50.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14000	[illegible]	[illegible]	[illegible]	[illegible]	52.[illegible]	52.[illegible]	51.4	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12000	[illegible]	[illegible]	[illegible]	51.[illegible]	51.[illegible]	52.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10000	[illegible]	[illegible]	[illegible]	[illegible]	57.1	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8000	[illegible]	[illegible]	[illegible]	61.7	63.1	63.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7000	[illegible]	[illegible]	61.7	[illegible]	64.2	64.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6000	[illegible]	71.1	[illegible]	[illegible]	[illegible]	[illegible]	74.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	77.7	77.1	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4000	[illegible]	[illegible]	[illegible]	72.[illegible]	72.[illegible]	71.1	71.7	71.1	71.[illegible]	72.2	72.[illegible]	[illegible]	[illegible]
3500	[illegible]	[illegible]	71.[illegible]	71.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	73.7	74.[illegible]	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	75.1	[illegible]	75.7	77.[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1200	[illegible]	[illegible]	[illegible]	[illegible]	77.[illegible]	73.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000	[illegible]	[illegible]	77.7	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
900	[illegible]	[illegible]	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
800	[illegible]	[illegible]	77.7	[illegible]	[illegible]	83.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 200

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

JUL 7? - JU

HOURS: 06-0?

VISIBILITY IN STATUTE MILES

2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.1	51.1	[illegible]	51.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.7	[illegible]	[illegible]	52.1	52.2	52.2	52.4	52.4	52.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.3	53.3	[illegible]	[illegible]	[illegible]	54.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.2	73.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.1	75.1	[illegible]	[illegible]	[illegible]	76.1
[illegible]	[illegible]	[illegible]	[illegible]	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.7	[illegible]	[illegible]	[illegible]	[illegible]	80.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.7	[illegible]	[illegible]	82.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.7	87.7	[illegible]	88.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	90.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.2
[illegible]	[illegible]	[illegible]	[illegible]	92.1	93.1	93.1	93.7	[illegible]	[illegible]	94.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7	95.7	97.0	[illegible]	[illegible]	99.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7	95.7	[illegible]	[illegible]	[illegible]	100.0

6

OPERATING LOCATION "A"
USAFETAC, STATION [illegible]

STATION [illegible]: [illegible]
LAT LONG: [illegible]

CEILING IN FEET	7	5	4	3	2	1 1/2	1	3/4	1/2	0
ALL CIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUL 79
MONTH: NOV HOURS: 09-11

CEILING IN STATUTE MILES										
2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	45.1	45.1	[illegible]	45.2	45.2	45.2	45.2	45.3	45.5
51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.7
51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.2
51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.1	52.3
52.3	52.3	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.7	52.9
[illegible]	[illegible]	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.3
57.7	57.8	57.9	57.9	[illegible]	[illegible]	[illegible]	58.0	58.0	58.1	58.3
[illegible]	[illegible]	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.9
[illegible]	[illegible]	62.6	62.6	62.7	62.7	62.7	62.7	62.7	[illegible]	63.0
63.1	63.2	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.7	63.9
[illegible]	[illegible]	[illegible]	[illegible]	64.3	64.3	64.3	64.3	64.3	[illegible]	65.2
[illegible]	[illegible]	67.2	67.2	67.1	67.1	67.1	67.1	67.1	67.2	67.4
[illegible]	[illegible]	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8	70.0
71.0	71.0	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.7	71.9
72.2	72.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	74.1
[illegible]	75.7	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.7	76.9
77.3	77.4	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.9	78.3
78.7	78.8	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.7	79.9
79.9	79.9	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.9	81.1
80.9	80.9	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
82.1	82.1	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.2
[illegible]	[illegible]	[illegible]	[illegible]	84.9	84.9	84.9	85.0	85.0	85.1	85.3
86.2	86.7	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.4	86.7
[illegible]	[illegible]	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.6
87.7	88.2	[illegible]	[illegible]	[illegible]	[illegible]	88.9	88.9	89.0	89.1	89.3
[illegible]	[illegible]	90.0	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.7
[illegible]	91.7	91.8	91.8	91.8	92.1	92.1	92.2	92.2	92.3	92.5
93.2	93.5	93.7	93.7	94.0	94.7	94.8	94.9	94.9	95.1	95.3
94.3	95.1	94.3	94.3	94.8	95.6	95.7	96.0	96.0	96.3	96.5
96.2	96.2	94.7	94.7	95.4	97.1	97.3	97.2	97.2	98.3	98.5
[illegible]	96.2	94.7	94.7	95.5	97.2	97.4	98.1	98.4	99.3	99.5
[illegible]	96.2	94.7	94.7	95.5	97.2	97.4	98.1	98.6	99.5	100.0

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
USAFETAC, ASHEVILLE, NC — [illegible] MONTHLY [illegible] STATIONS

STATION NUMBER: 72[illegible] — STATION NAME: [illegible] — [illegible]
LST TO UTC: + 5 — [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	6	5	GE 4	3	GE 2 1/2	2	1 1/2	1 1/4	GE 1
NO CEIL	41.5	41.6	41.6	41.5	41.5	41.7	41.7	41.7	41.7	41.7
GE 20000	47.3	47.3	47.4	47.4	47.4	48.5	48.5	48.5	48.5	48.5
GE 15000	49.2	49.2	49.2	49.2	49.2	49.1	49.1	49.1	49.1	49.1
GE 10000	49.2	49.2	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.1
GE 14000	49.3	49.3	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1
GE 12000	51.4	51.4	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7
GE 10000	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3
GE 8000	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9
GE 7000	57.	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1
GE 6000	61.4	61.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5
GE 5000	61.4	61.4	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3
GE 4500	63.5	63.9	64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8
GE 4000	66.7	66.8	67.3	67.1	67.1	67.2	67.2	67.2	67.2	67.2
GE 3500	69.9	69.7	70.7	71.0	71.1	71.3	71.3	71.3	71.3	71.3
GE 2500	72.7	73.1	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000	75.1	75.7	77.7	77.2	77.4	77.7	77.7	77.7	77.7	77.7
GE 1500	78.3	79.3	80.0	80.6	81.1	81.4	81.5	81.5	81.5	81.7
GE 1000	80.1	81.7	81.8	82.6	82.9	83.4	83.4	83.5	83.5	83.5
GE 800	80.4	81.9	82.2	83.0	83.3	83.7	83.7	83.9	83.9	83.9
GE 600	81.4	83.3	83.5	84.3	84.7	85.3	85.4	85.5	85.6	85.8
GE 1200	85.2	86.3	86.1	86.8	86.9	87.8	87.9	87.9	87.9	87.9
GE 1000	83.5	84.2	85.9	86.5	87.4	88.1	88.5	88.8	88.9	88.7
GE 900	83.3	84.5	86.3	87.5	88.4	89.1	89.4	89.4	89.7	89.
GE 800	84.1	85.3	86.9	88.1	89.0	89.	90.1	90.1	90.3	90.5
GE 700	84.2	85.8	87.1	88.3	90.0	90.5	91.5	91.5	91.5	91.7
GE 600	84.2	85.1	87.2	88.7	90.4	91.4	91.9	91.9	92.1	92.5
GE 500	84.7	85.8	88.1	89.8	91.4	92.7	93.1	93.4	93.9	94.3
GE 400	84.9	85.9	88.6	90.3	92.2	93.7	94.3	94.5	95.1	95.
GE 300	85.1	86.2	88.3	90.5	92.5	94.2	94.9	95.5	96.2	97.5
GE 200	85.1	86.2	88.5	90.6	92.5	94.2	95.3	96.1	96.4	97.7
GE 100	85.1	86.2	88.5	90.5	92.5	94.2	95.3	95.1	96.4	97.
GE 000	85.1	86.2	88.3	90.5	92.5	94.2	95.3	95.1	96.4	97.

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] - 2 - 79

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] MONTHLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: NOV HOURS: 12-14

VISIBILITY IN STATUTE MILES										
1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible].7	[illegible].7	[illegible].7	[illegible].7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.6	43.6	43.6	[illegible]	[illegible]	43.6
[illegible].1	[illegible].1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
[illegible]	[illegible]	[illegible]	[illegible]	49.2	49.2	49.2	[illegible]	[illegible]	[illegible]	49.2
[illegible].1	[illegible].1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
[illegible].7	[illegible].7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
[illegible]	[illegible]	54.3	54.3	[illegible]	54.3	54.3	54.3	54.3	[illegible]	54.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.9	55.9	[illegible]	[illegible]	[illegible]	55.9
[illegible]	[illegible]	[illegible]	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
[illegible]	[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
[illegible]	[illegible]	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.3	64.3	[illegible]	[illegible]	[illegible]	64.3
[illegible]	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
[illegible]	[illegible]	74.[illegible]	[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]
[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible].7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.4	83.4	83.4	83.4	83.4	83.4
[illegible]	[illegible]	[illegible]	83.3	83.3	83.3	83.3	[illegible]	[illegible]	[illegible]	83.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.3
[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	89.7	[illegible]	[illegible]	[illegible]	89.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.3
[illegible]	[illegible]	90.1	90.3	90.5	90.5	90.5	[illegible]	[illegible]	[illegible]	90.5
[illegible]	91.[illegible]	91.[illegible]	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	91.3	91.3	92.1	92.6	92.6	92.6	92.4	92.6	92.6	92.6
[illegible].7	[illegible]	[illegible]	[illegible]	94.3	94.3	94.3	[illegible]	[illegible]	94.4	94.4
[illegible].7	[illegible]	94.6	95.1	95.2	95.1	95.1	[illegible]	95.2	95.2	95.2
[illegible]	[illegible]	[illegible]	95.2	97.3	95.2	95.3	[illegible]	[illegible]	[illegible]	98.[illegible]
[illegible]	[illegible]	95.2	95.4	97.7	99.7	99.6	99.4	99.7	[illegible]	99.3
[illegible]	[illegible]	95.3	95.4	97.3	[illegible]	99.9	99.7	99.9	100.0	100.0
[illegible]	[illegible]	95.3	95.4	97.3	99.6	99.9	99.7	99.9	100.0	100.0

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS, ALL YRS

STATION NUMBER: 723055 — STATION NAME: PEASE AFB NH — PERIOD
LST TO UTC: + 5 — MONTH:

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	2	1 1/2	1 1/4	GE 1
	VISIBILITY IN STATUTE MILES									
NO CEIL	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 20000	43.7	44.0	44.0	44.0	44.1	44.0	44.0	44.0	44.0	44.0
GE 18000	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5
GE 16000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 14000	50.2	50.7	50.7	50.7	50.7	50.7	50.2	50.2	50.2	50.2
GE 12000	51.0	51.7	51.7	51.7	51.7	51.7	51.0	51.0	51.0	51.0
GE 10000	53.6	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
GE 9000	54.4	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
GE 8000	55.7	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 7000	56.1	57.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2
GE 6000	60.1	61.3	61.9	61.4	61.4	61.4	61.6	61.6	61.6	61.6
GE 5000	64.1	64.[illegible]	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	66.1	67.4	67.3	68.4	68.5	68.5	68.7	68.7	68.7	68.7
GE 4000	70.0	71.[illegible]	71.4	72.1	72.2	72.2	72.3	72.3	72.3	72.3
GE 3500	72.4	73.7	74.3	75.0	75.1	75.1	75.4	75.4	75.4	75.4
GE 3000	75.0	75.4	77.6	76.4	76.7	76.7	77.0	77.0	77.0	77.0
GE 2500	77.6	80.4	81.3	82.3	82.6	82.6	82.4	82.2	82.2	82.2
GE 2000	80.6	81.4	82.6	83.0	83.0	83.3	84.2	84.2	84.2	84.2
GE 1500	81.2	82.2	83.3	84.6	84.6	84.7	85.3	85.3	85.3	85.3
GE 1000	82.2	83.2	84.3	85.7	85.9	86.2	86.6	86.6	86.6	86.6
GE 1200	82.8	83.9	85.0	86.4	87.1	87.3	87.7	87.7	87.7	87.7
GE 1000	83.4	84.4	85.7	87.1	88.1	88.4	89.0	89.0	89.0	89.0
GE 900	83.7	84.8	86.0	87.5	88.5	89.9	90.4	90.4	90.4	90.4
GE 800	84.[illegible]	85.4	86.7	88.0	89.6	90.6	91.5	91.5	91.7	91.7
GE 700	84.3	85.7	86.9	89.0	90.3	91.0	91.8	91.8	91.8	91.8
GE 600	84.4	85.3	87.0	89.6	91.3	92.4	93.4	93.9	94.0	94.0
GE 500	84.4	85.8	87.1	89.7	91.4	92.6	93.[illegible]	94.4	94.[illegible]	94.[illegible]
GE 400	84.4	85.9	87.2	89.9	91.9	93.3	95.2	95.9	96.2	96.3
GE 300	84.5	85.9	87.3	90.1	92.5	94.2	95.1	95.9	97.6	97.7
GE 200	84.5	85.9	87.3	90.1	92.5	94.2	95.2	97.2	97.2	98.2
GE 100	84.5	85.9	87.3	90.1	92.5	94.2	95.2	97.2	97.2	98.2
GE 000	84.5	85.9	87.3	90.1	92.5	94.2	95.2	97.2	97.4	98.2

TOTAL NUMBER OF OBSERVATIONS 900

9 - 2 - 85

PERCENT FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUN 83
MONTH: NOV HOURS: 15-17

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	[illegible]	[illegible]	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	[illegible]	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
[illegible]	[illegible]	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
[illegible]	[illegible]	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
[illegible]	[illegible]	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
[illegible]	[illegible]	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
[illegible]	[illegible]	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
[illegible]	[illegible]	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
[illegible]	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
[illegible]	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
[illegible]	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
77.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
[illegible]	[illegible]	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
[illegible]	[illegible]	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
86.7	[illegible]	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
[illegible]	[illegible]	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
87.3	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
[illegible]	[illegible]	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
[illegible]	[illegible]	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
[illegible]	90.5	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
91.2	[illegible]	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
93.4	93.6	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3
[illegible]	[illegible]	94.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1
[illegible]	[illegible]	95.9	96.2	96.2	95.6	95.6	95.7	95.7	95.7	95.7
[illegible]	[illegible]	96.9	97.4	97.4	98.2	98.2	98.5	98.6	98.6	98.6
[illegible]	[illegible]	97.2	97.9	98.2	98.9	98.9	99.3	99.4	99.6	99.9
[illegible]	[illegible]	97.2	97.9	98.2	98.9	98.9	99.4	99.6	99.9	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE, NC AND VISIBILITY COMBINATIONS

STATION NUMBER: 723056 STATION NAME: PRAGUE, OK STUDY UNITS:
LST TO UTC: + 6

CEILING IN FEET	6 7	6 6	6 5	6 4	6 3	6 2 1/2	6 2	6 1 1/2	6 1 1/4	6 1
	VISIBILITY IN STATUTE MILES									
NO CEIL	49.8	49.7	50.0	50.3	50.4	50.7	50.8	50.8	50.8	50.8
GE 20000	52.1	52.4	52.8	53.1	53.2	53.4	53.6	53.6	53.6	53.7
GE 18000	52.2	52.7	53.2	53.3	53.4	53.7	53.8	53.8	53.8	53.8
GE 15000	52.3	52.7	53.2	53.3	53.4	53.7	53.8	53.8	53.8	53.8
GE 14000	52.7	53.2	53.4	53.7	53.8	54.2	54.1	54.1	54.1	54.2
GE 12000	53.6	53.9	54.3	54.6	54.7	55.1	55.2	55.2	55.2	55.3
GE 10000	55.2	55.7	56.2	56.7	56.8	57.0	57.1	57.1	57.1	57.2
GE 9000	56.9	56.9	56.9	57.5	57.1	57.5	57.4	57.4	57.4	57.4
GE 8000	59.1	59.7	61.2	61.7	61.8	62.2	62.1	62.1	62.1	62.1
GE 7000	60.9	61.6	62.6	62.7	62.7	63.1	63.2	63.2	63.2	63.3
GE 6000	63.7	63.8	64.1	64.7	64.9	65.1	65.2	65.2	65.2	65.3
GE 5000	65.8	66.7	67.6	68.6	68.7	69.1	69.2	69.2	69.2	69.3
GE 4500	67.2	68.7	69.7	70.5	71.1	71.2	71.4	71.4	71.4	71.5
GE 4000	70.6	72.5	71.9	72.5	73.1	73.5	73.6	73.6	73.6	73.7
GE 3500	71.5	72.5	73.2	74.5	75.1	75.5	75.6	75.6	75.6	75.7
GE 3000	75.1	76.1	77.4	78.1	78.8	79.4	79.6	79.6	79.6	79.7
GE 2500	77.5	79.5	80.9	80.8	81.5	82.0	82.2	82.3	82.4	82.5
GE 2000	80.2	81.1	82.4	83.4	84.3	84.4	85.3	85.3	85.3	85.1
GE 1800	80.5	81.7	83.1	84.0	84.9	85.3	85.5	85.5	85.5	85.7
GE 1500	81.8	82.9	84.1	85.2	86.5	87.0	87.2	87.2	87.2	87.4
GE 1200	82.8	83.8	85.4	86.5	87.9	88.4	88.6	88.6	88.6	88.8
GE 1000	82.9	83.9	85.9	87.1	88.5	89.1	89.4	89.4	89.4	89.6
GE 900	82.9	84.1	85.8	87.5	89.0	89.6	89.8	89.9	89.9	90.2
GE 800	83.0	84.2	85.9	87.3	89.5	90.4	91.0	91.0	91.0	91.2
GE 700	83.2	84.5	87.3	88.4	90.4	91.6	92.0	92.1	92.1	92.3
GE 600	83.2	84.7	87.3	88.9	91.2	92.7	93.4	93.5	93.5	93.7
GE 500	83.2	84.9	87.7	89.8	91.9	93.6	94.7	95.0	95.0	95.0
GE 400	83.2	84.9	87.8	90.2	93.0	95.0	95.1	97.2	97.3	97.4
GE 300	83.2	84.9	87.8	90.2	93.1	95.7	96.9	98.3	98.3	98.4
GE 200	83.2	84.9	87.8	90.2	93.1	95.9	97.3	99.4	99.4	99.7
GE 100	83.2	84.9	87.8	90.2	93.1	95.9	97.1	99.6	99.6	99.8
GE 000	83.2	84.9	87.8	90.2	93.1	95.9	97.1	99.6	99.6	100.

TOTAL NUMBER OF OBSERVATIONS 900

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A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ALL ASSUMED OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: NOV HOURS: 18-20

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1 1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.7	53.7	53.7	53.7	53.7	53.7
53.7	[illegible]	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.9	53.9	53.9	53.9	53.9	53.9
[illegible]	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
[illegible]	[illegible]	[illegible]	[illegible]	55.3	55.3	55.3	55.3	55.3	55.3	55.3
[illegible]	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
57.5	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6
[illegible]	[illegible]	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
[illegible]	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
[illegible]	[illegible]	65.2	[illegible]	[illegible]	65.3	65.3	65.3	65.3	65.3	65.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.3	67.3	67.3	67.3	67.3	67.3
71.5	71.4	71.4	71.4	71.5	71.5	71.5	71.4	71.4	71.5	71.5
[illegible]	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
[illegible]	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
[illegible]	[illegible]	[illegible]	[illegible]	77.7	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.3	82.3	82.3	82.3	82.3	82.3
[illegible]	[illegible]	[illegible]	[illegible]	85.1	85.1	85.1	85.1	85.1	85.1	85.1
[illegible]	[illegible]	[illegible]	[illegible]	85.7	85.7	85.7	85.7	85.7	85.7	85.7
87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.5	[illegible]	[illegible]	[illegible]	[illegible]	89.5
[illegible]	[illegible]	90.0	[illegible]	90.0	90.0	90.0	90.0	90.0	90.0	90.0
[illegible]	[illegible]	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
[illegible]	92.1	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
[illegible]	[illegible]	94.2	94.2	94.3	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	[illegible]	[illegible]	[illegible]	95.0	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	96.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	98.2	98.3	98.3	98.4	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.4	99.4	99.4	99.4	99.7	99.7
[illegible]	97.1	98.6	98.6	98.9	99.6	99.6	99.6	99.6	99.9	100.0
[illegible]	97.1	98.6	98.6	98.9	99.6	99.6	99.6	99.6	99.9	100.0

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
USAFETAC, ASHEVILLE NC [illegible] VISIBILITY OBSERVATIONS

STATION NUMBER: 723060 STATION NAME: [illegible] AFB NC [illegible]
LST TO UTC: + 5 [illegible]

CEILING In FEET	VISIBILITY IN STATUTE MILES ≥ 7	≥ 5	≥ 3	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 3/4	≥ 1 1/4	≥ 1
NO CEIL	50.8	50.8	50.8	51.0	51.2	51.4	51.4	51.6	51.6	51.7
≥ 20000	52.4	52.7	53.0	53.1	53.3	53.5	53.6	53.7	53.7	53.9
≥ 15000	52.5	52.8	53.1	53.2	53.4	53.7	53.7	53.9	53.9	54.0
≥ 14000	52.7	52.8	53.2	53.3	53.5	53.8	53.8	53.9	53.9	54.0
≥ 12000	53.4	53.7	54.0	54.1	54.3	54.6	54.6	54.7	54.7	54.9
≥ 10000	55.2	55.5	55.9	56.2	56.7	56.9	56.9	57.0	57.0	57.1
≥ 9000	55.2	55.6	57.0	57.2	57.7	57.9	57.9	58.0	58.0	58.1
≥ 8000	59.2	59.5	60.2	60.4	60.9	61.3	61.4	61.6	61.6	61.7
≥ 7000	62.3	61.6	62.3	62.3	62.7	63.1	63.2	63.4	63.4	63.5
≥ 6000	62.2	63.0	64.3	64.4	65.1	65.4	65.6	65.4	65.7	66.3
≥ 5000	66.2	66.4	67.3	67.6	68.2	68.6	68.6	68.1	68.1	68.6
≥ 4500	66.1	69.1	69.7	69.8	70.6	71.1	71.2	71.4	71.4	71.7
≥ 4000	70.2	71.2	71.8	72.0	72.7	73.2	73.6	73.7	73.7	73.9
≥ 3500	71.2	72.0	72.7	72.9	73.7	74.2	74.6	74.2	74.2	74.3
≥ 3000	73.6	74.2	75.7	75.9	76.9	77.4	77.6	77.6	77.6	77.9
≥ 2500	76.2	77.2	78.2	78.7	79.7	80.2	80.6	80.6	80.6	81.2
≥ 2000	78.4	80.1	81.2	81.6	82.9	83.4	84.1	84.2	84.2	84.2
≥ 1800	79.2	80.4	81.6	82.1	83.4	84.3	84.6	84.8	84.8	85.0
≥ 1500	80.1	81.6	82.8	83.4	85.6	86.3	86.7	86.4	86.8	87.2
≥ 1200	81.7	83.1	84.3	85.0	86.9	87.9	88.2	88.4	88.4	88.6
≥ 1000	81.9	83.4	84.7	85.8	87.2	88.3	88.7	89.0	89.0	89.2
≥ 900	82.1	83.8	85.0	86.3	87.6	88.9	89.2	89.4	89.4	89.6
≥ 800	82.5	84.3	85.6	86.9	89.1	90.2	90.7	91.0	91.0	91.2
≥ 700	82.5	84.6	86.8	87.1	89.2	90.7	91.6	92.0	92.1	92.4
≥ 600	82.7	85.0	86.9	87.7	89.4	92.1	92.8	93.6	93.4	94.2
≥ 500	82.8	85.1	86.5	87.9	91.1	93.4	94.1	94.6	94.6	95.3
≥ 400	82.8	85.2	86.3	88.3	91.9	94.7	95.3	95.6	95.6	95.9
≥ 300	82.8	85.2	86.3	88.4	92.3	95.5	96.3	97.6	97.7	98.2
≥ 200	82.8	85.2	86.3	88.4	92.3	95.6	96.5	97.8	98.1	98.4
≥ 100	82.8	85.2	86.3	88.4	92.3	95.6	96.5	97.8	98.1	98.4
≥ 000	82.8	85.2	86.3	88.4	92.3	95.6	96.5	97.8	98.1	98.4

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] - 3 - [illegible]

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUL 8[illegible]
MONTH: NOV HOURS: 21-23

VISIBILITY IN STATUTE MILES										
1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7
[illegible]	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
[illegible]	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
[illegible]	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
[illegible]	[illegible]	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
[illegible]	54.5	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
[illegible]	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	57.8	[illegible]	[illegible]	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	61.4	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
[illegible]	63.2	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6
[illegible]	[illegible]	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
[illegible]	[illegible]	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
71.1	71.3	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7
[illegible]	73.5	73.7	73.7	73.8	73.9	73.9	73.8	73.9	73.9	73.9
[illegible]	74.[illegible]	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
[illegible]	77.[illegible]	78.[illegible]	78.[illegible]	78.2	78.2	78.2	78.2	78.2	78.2	78.2
[illegible]	[illegible]	[illegible]	[illegible]	81.0	81.0	81.0	81.0	81.0	81.0	81.0
[illegible]	[illegible]	[illegible]	84.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2
[illegible]	[illegible]	[illegible]	[illegible]	84.5	84.5	84.5	84.5	84.5	84.5	84.5
[illegible]	[illegible]	86.3	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible]	[illegible]	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
[illegible]	[illegible]	89.3	[illegible]	89.2	89.2	89.2	89.2	89.2	89.2	89.2
[illegible]	[illegible]	89.4	89.4	[illegible]	89.5	89.5	89.5	89.5	89.5	89.5
[illegible]	91.7	91.9	91.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
[illegible]	91.9	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
[illegible]	[illegible]	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0
[illegible]	94.1	94.[illegible]	94.[illegible]	95.3	95.3	95.4	95.4	95.4	95.4	95.4
[illegible]	[illegible]	95.0	95.0	95.6	96.7	96.2	96.2	96.3	96.3	96.3
[illegible]	[illegible]	97.6	97.7	98.2	98.3	98.4	98.4	98.4	98.5	98.5
[illegible]	[illegible]	97.[illegible]	98.1	98.9	99.0	99.2	99.3	99.3	99.4	99.4
[illegible]	[illegible]	97.[illegible]	98.1	98.9	99.3	99.6	99.8	99.8	100.0	100.0
[illegible]	[illegible]	97.[illegible]	98.1	98.9	99.3	99.6	99.8	99.8	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC FOR ALL HOURS OF ALL DAYS

STATION NUMBER: 723053 STATION NAME: PIAS, AFB, NC
LST TO UTC: + 5

CEILING IN FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
	VISIBILITY IN STATUTE MILES									
NO CEIL	46.5	46.9	47.1	47.3	47.4	47.6	47.[illegible]	47.9	47.9	47.[illegible]
GE 20000	50.8	50.7	51.1	51.3	51.4	51.6	51.7	51.9	51.9	52.[illegible]
GE 18000	50.7	51.1	51.5	51.7	51.8	52.0	52.1	52.3	52.5	52.4
GE 15000	50.9	51.2	51.5	51.7	51.9	52.1	52.2	52.3	52.3	52.4
GE 14000	51.2	51.7	52.0	52.2	52.3	52.5	52.7	52.8	52.8	52.[illegible]
GE 12000	52.2	52.7	53.0	53.3	53.4	53.6	53.7	53.9	53.9	54.[illegible]
GE 10000	55.0	55.5	56.0	56.2	56.3	56.5	56.7	56.8	56.8	56.[illegible]
GE 9000	55.9	56.9	57.2	57.3	57.5	57.7	57.9	57.9	57.9	58.1
GE 8000	58.5	58.8	59.7	61.0	61.3	61.5	61.7	61.9	61.9	62.[illegible]
GE 7000	59.9	61.2	61.5	62.1	62.4	62.7	63.0	63.2	63.2	63.1
GE 6000	61.9	62.4	63.2	63.7	64.0	64.2	64.4	64.5	64.5	64.7
GE 5000	64.5	65.3	65.9	66.5	66.9	67.2	67.4	67.6	67.6	67.7
GE 4500	66.5	67.4	68.2	68.2	69.3	69.5	69.8	69.9	69.9	70.1
GE 4000	69.5	69.8	70.5	71.1	71.5	71.9	72.2	72.4	72.3	72.[illegible]
GE 3500	72.5	71.5	72.5	73.1	73.7	74.0	74.2	74.4	74.4	74.5
GE 3000	73.1	74.2	75.2	75.5	75.6	75.9	77.6	77.9	77.9	77.[illegible]
GE 2500	75.3	76.4	77.6	78.2	79.1	79.4	79.7	79.9	79.9	80.[illegible]
GE 2000	77.2	78.3	79.5	80.3	81.2	81.5	82.2	82.3	82.1	82.[illegible]
GE 1500	77.4	79.7	79.9	80.[illegible]	81.7	82.1	82.4	82.6	82.6	82.[illegible]
GE 1000	78.4	79.7	81.0	82.1	83.2	84.0	84.0	84.2	84.2	84.5
GE 1200	79.5	80.4	82.4	83.6	84.6	85.4	85.8	86.0	86.0	86.[illegible]
GE 1000	80.1	81.5	83.1	84.6	85.9	86.5	86.8	87.1	87.2	87.4
GE 900	80.5	81.9	83.7	85.2	86.[illegible]	87.4	87.[illegible]	87.[illegible]	87.[illegible]	88.5
GE 800	80.7	82.4	84.2	85.9	87.7	88.8	89.[illegible]	89.1	89.1	89.4
GE 700	81.1	82.2	84.7	86.5	88.5	89.3	90.3	90.2	90.[illegible]	90.[illegible]
GE 600	81.3	83.0	85.1	87.[illegible]	89.5	90.6	91.3	91.5	91.9	92.3
GE 500	81.4	83.2	85.3	87.5	90.2	91.5	92.4	93.0	93.2	93.5
GE 400	81.5	83.4	85.5	88.1	90.9	92.5	93.[illegible]	94.3	94.5	95.[illegible]
GE 300	81.5	83.4	85.7	88.2	91.3	93.1	94.3	95.2	95.6	95.8
GE 200	81.5	83.4	85.7	88.2	91.3	93.1	94.5	95.5	95.9	96.[illegible]
GE 100	81.5	83.4	85.7	88.2	91.3	93.1	94.5	95.5	95.9	96.[illegible]
GE 000	81.5	83.4	85.7	88.2	91.3	93.1	94.5	95.5	95.9	96.[illegible]

TOTAL NUMBER OF OBSERVATIONS 7200

1 - 2 - 3

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] ONLY [illegible] CONDITIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: NOV HOURS: ALL

VISIBILITY IN STATUTE MILES

[illegible] 1/2	[illegible]	[illegible] 1 1/2	[illegible] 1 1/4	[illegible] 1	[illegible] 3/4	[illegible] 5/8	[illegible] 1/2	[illegible] 3/8	[illegible] 1/4	[illegible] 0
[illegible]	47.[illegible]	47.9	47.9	4[illegible]	4[illegible]	4[illegible]	4[illegible].1	4[illegible].1	4[illegible].2	48.3
[illegible].1	1.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.2	52.3
[illegible]	52.1	52.3	52.3	52.4	52.4	52.4	[illegible]	[illegible]	[illegible]	52.7
[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	52.7	52.8	[illegible]	[illegible]	[illegible].7	52.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.2	53.2	[illegible]	[illegible]	[illegible].1	53.3
[illegible]	[illegible].7	53.9	53.[illegible]	54.0	54.0	[illegible]	[illegible].1	54.1	[illegible]	54.3
[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	57.0	57.0	57.1	57.1	57.2	57.3
[illegible].7	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4
[illegible]	51.7	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.2	52.3
[illegible].7	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	55.1
[illegible]	[illegible]	57.9	[illegible]	57.7	57.7	57.8	[illegible]	[illegible]	[illegible]	[illegible].1
[illegible]	[illegible]	[illegible]	[illegible]	79.1	79.1	79.1	79.2	79.2	79.3	79.4
[illegible]	[illegible]	[illegible]	[illegible]	72.5	72.5	72.6	73.6	72.7	[illegible]	72.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.5
[illegible]	77.9	77.9	77.9	77.9	77.9	77.7	77.8	77.8	77.9	78.0
[illegible]	[illegible].7	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].2	[illegible].3	[illegible].3	[illegible].4	[illegible].5
[illegible]	[illegible]	[illegible]	[illegible].2	[illegible].2	[illegible].3	[illegible].3	[illegible].4	[illegible]	[illegible]	[illegible].7
[illegible].1	[illegible]	[illegible]	[illegible].6	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].1	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible].5	[illegible]	[illegible]	[illegible].7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].2	[illegible].3	[illegible].3	[illegible].4	[illegible].4	[illegible].5	[illegible].7
[illegible].5	[illegible]	[illegible].1	[illegible].2	[illegible].4	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].5
[illegible].9	[illegible]	[illegible]	[illegible]	[illegible].3	[illegible].4	[illegible].4	[illegible]	[illegible]	[illegible].7	[illegible]
[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]	91.1
[illegible]	91.3	91.[illegible]	91.9	92.3	92.4	92.5	92.6	92.6	92.7	92.[illegible]
[illegible].5	[illegible]	93.9	93.2	93.6	93.[illegible]	93.9	94.0	94.1	94.2	94.3
[illegible]	[illegible]	94.3	94.5	95.0	95.4	95.4	95.7	95.7	[illegible]	95.[illegible]
[illegible].1	[illegible]	[illegible]	95.5	95.[illegible]	95.7	95.[illegible]	97.1	97.2	97.3	97.5
[illegible].1	[illegible]	95.5	95.9	95.7	97.7	97.[illegible]	98.4	98.5	98.9	99.2
[illegible].1	[illegible]	95.5	95.9	95.[illegible]	97.[illegible]	97.9	98.7	99.[illegible]	99.5	99.9
[illegible].1	[illegible]	95.5	95.9	95.[illegible]	97.[illegible]	97.9	98.7	99.[illegible]	99.5	100.0

OPERATING LOCATION: MAW PERCENTAGE FREQUENCY OF OCCURRENCE OF STATED
USAFETAC, ASH-WELL NC CEILING AND VISIBILITY OBSERVATIONS

STATION NUMBER: 7[illegible] STATION NAME: [illegible] PERIOD:
LST TIME: + 5 YEARS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	0
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GT 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 450	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 350	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 250	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 050	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

A

[illegible] OF CEILING VERSUS VISIBILITY
[illegible] OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN [illegible]
STATION: [illegible] HOURS: [illegible]

CEILING IN STATUTE MILES									
[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	48.9	47.9	49.9	49.9	49.9	50.5	50.5	50.5	50.5
[illegible]	[illegible]	[illegible]	[illegible]	52.3	52.3	52.3	52.3	52.3	52.3	52.3
[illegible]	[illegible]	[illegible]	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3
[illegible]	[illegible]	[illegible]	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
[illegible]	53.3	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7
[illegible]	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
[illegible]	[illegible]	[illegible]	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.5
[illegible]	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
[illegible]	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
[illegible]	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.5
[illegible]	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
[illegible]	72.5	72.5	72.7	72.5	72.5	72.7	72.7	72.7	72.7	72.7
[illegible]	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5
[illegible]	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5
[illegible]	78.3	78.3	78.3	78.3	78.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.5	82.5	82.7	82.7	82.7	82.7
[illegible]	[illegible]	[illegible]	[illegible]	83.3	83.3	83.3	83.1	83.1	83.1	83.1
[illegible]	84.3	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5
[illegible]	[illegible]	[illegible]	[illegible]	93.1	93.2	93.2	93.3	93.3	93.3	93.3
[illegible]	91.4	91.4	91.4	92.2	92.2	92.3	92.5	92.5	92.5	92.5
[illegible]	91.3	91.3	92.7	92.7	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	94.3	94.3	94.3	94.6	94.3	94.3	94.3	[illegible]
[illegible]	94.2	94.5	95.5	95.9	95.9	95.8	95.9	95.9	96.9	96.9
[illegible]	94.7	94.7	95.7	95.7	95.7	97.7	97.5	97.5	97.5	97.5
[illegible]	94.7	95.2	95.5	97.2	97.4	98.2	98.5	98.3	99.1	99.1
[illegible]	[illegible]	95.3	95.9	97.5	97.7	98.7	99.4	99.9	100.0	100.0
[illegible]	[illegible]	95.3	95.9	97.5	97.7	98.7	99.4	99.9	100.0	

[illegible] - 2 - 100.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

[illegible]

STATION NUMBER: 78[illegible] STATION NAME: [illegible]
LST TO GMT: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	[illegible]	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	45.7	50.	[illegible]	50.4	[illegible]	51.0	[illegible]	51.3	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	51.4	52.0	52.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	52.0	52.9	53.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	52.[illegible]	[illegible]	[illegible]	53.0	53.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	53.[illegible]	53.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	53.	[illegible]	[illegible]	[illegible]	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	57.	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	57.1	57.	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]1.7	[illegible]	62.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4[illegible]	[illegible]	[illegible]	[illegible]	70.[illegible]	70.[illegible]	71.[illegible]	71.	[illegible]	72.	71.
GE 3[illegible]	70.[illegible]	[illegible]	71.[illegible]	72.[illegible]	[illegible]	72.[illegible]	[illegible]	73.[illegible]	[illegible]	[illegible]
GE 3[illegible]	72.[illegible]	73.[illegible]	74.[illegible]	75.[illegible]	75.3	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.
GE [illegible]	74.[illegible]	7[illegible]	7[illegible]	7[illegible]	73.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	77.[illegible]	[illegible]	77.4	[illegible]	81.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	77.3	[illegible]	77.5	[illegible]1.[illegible]	81.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15[illegible]	77.1	77.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	7[illegible]	77.[illegible]	[illegible]1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	77.[illegible]	[illegible]	[illegible]2.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	7[illegible]	[illegible]1.4	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1	[illegible]1.1	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]2.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]2.7	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]2.7	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]2.7	[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - J[illegible]
MONTH: DEC HOURS: 03-05

VISIBILITY IN STATUTE MILES

1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.9	[illegible]	53.9	[illegible]	54.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.2
[illegible]	[illegible]	54.3	[illegible]	[illegible]	[illegible]	[illegible]	54.3	[illegible]	54.3	54.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	61.4	[illegible]	[illegible]	61.4	[illegible]	61.4	[illegible]	61.4	61.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.1
[illegible]	[illegible]	[illegible]	[illegible]	67.4	67.4	67.4	67.4	[illegible]	[illegible]	67.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	77.5	[illegible]	77.5	77.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.2	92.2	[illegible]	92.4	92.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.2	[illegible]	[illegible]	[illegible]	[illegible]	95.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	[illegible]	[illegible]	[illegible]	[illegible]	99.7
[illegible]	[illegible]	[illegible]	[illegible]	97.2	97.5	[illegible]	[illegible]	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	97.2	97.6	[illegible]	[illegible]	[illegible]	[illegible]	100.0

b

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL

USAFTAC, FORT WILLIAMS

STATION NUMBER: 725 [illegible] STATION NAME: [illegible]

LST IS UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	5	4	3	2	1	1 1/2	1	1 1/4	1 1/4	1
NO CEIL	[illegible]	[illegible]	47.1	47.4	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
450	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
350	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
250	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 935

[illegible] - 122

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JU[illegible]
MONTH: DEC HOURS: 06-12

VISIBILITY IN STATUTE MILES										
[illegible] 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	42.4	42.4	42.4	43.5	[illegible]	[illegible]	48.5
[illegible]	[illegible]	52.7	52.7	52.7	52.7	52.7	52.[illegible]	[illegible]	[illegible]	52.3
[illegible]	[illegible]	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.4
[illegible]	[illegible]	[illegible]	[illegible]	53.[illegible]	53.5	53.[illegible]	53.7	53.7	53.7	53.[illegible]
[illegible]	54.3	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6
[illegible]	[illegible]	[illegible]	55.3	55.3	55.[illegible]	55.0	56.1	56.1	56.1	56.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	58.3	58.3	58.5	58.5	58.6	[illegible]	[illegible]	59.7
[illegible]	[illegible]	63.1	63.1	63.1	63.1	63.1	63.2	[illegible]	[illegible]	63.3
[illegible]	64.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.2
[illegible]	[illegible]	66.7	66.7	66.7	66.7	66.7	66.7	[illegible]	[illegible]	67.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.1
71.[illegible]	71.7	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	72.3
[illegible]	73.[illegible]	73.7	73.7	73.7	73.7	73.7	73.[illegible]	73.[illegible]	73.[illegible]	74.1
74.7	74.[illegible]	74.3	74.[illegible]	74.3	74.3	74.[illegible]	75.1	75.1	75.1	75.4
77.4	77.[illegible]	77.1	77.1	77.[illegible]	77.2	77.2	77.3	77.3	77.[illegible]	78.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.2
[illegible]	[illegible]	[illegible]	83.7	83.[illegible]	83.[illegible]	83.2	83.3	83.3	83.3	84.2
[illegible]	[illegible]	84.4	84.[illegible]	84.4	84.4	84.4	[illegible]	[illegible]	[illegible]	84.[illegible]
[illegible]	[illegible]	[illegible]	85.7	[illegible]	[illegible]	[illegible]	85.9	85.9	85.9	86.2
[illegible]	[illegible]	86.7	86.[illegible]	87.2	87.2	87.2	87.3	87.3	87.3	87.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.2
[illegible]	[illegible]	[illegible]	[illegible]	89.5	89.7	89.7	[illegible]	[illegible]	[illegible]	90.1
[illegible]	[illegible]	89.7	[illegible]	89.7	89.8	89.8	89.4	[illegible]	[illegible]	90.3
[illegible]	[illegible]	90.4	91.6	91.1	91.2	91.2	91.3	91.3	91.3	91.6
[illegible]	[illegible]	91.1	91.4	92.2	92.3	92.4	92.5	92.[illegible]	92.5	92.[illegible]
[illegible]	91.[illegible]	92.5	93.[illegible]	93.[illegible]	94.2	94.3	94.4	94.4	94.4	94.7
[illegible]	[illegible]	93.[illegible]	94.2	95.1	95.5	95.7	95.8	96.1	96.1	96.7
91.[illegible]	[illegible]	94.4	95.1	95.[illegible]	96.[illegible]	97.0	97.[illegible]	97.5	97.5	98.7
1.7	93.7	95.1	95.5	96.5	97.5	97.7	98.4	98.[illegible]	98.[illegible]	99.7
1.7	93.7	95.1	95.5	96.7	97.7	98.0	98.[illegible]	98.7	99.0	100.0
1.7	93.7	95.1	95.5	96.7	97.7	98.0	98.6	98.7	99.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 723055 STATION NAME: [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	46.2	46.5	46.1	46.5	46.5	46.5	46.7	46.5	46.	46.
GE 20000	50.5	51.3	51.9	52.4	52.4	52.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	52.2	52.5	53.4	53.7	53.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	52.7	53.4	54.1	54.5	54.7	54.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	53.3	54.1	54.7	55.[illegible]	55.2	55.2	55.3	55.3	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	56.7	57.1	57.1	57.1	57.1	57.[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	61.7	61.7	61.7	61.7	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	65.7	[illegible]	65.7	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	67.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	[illegible]
GE 2000	[illegible]	71.2	72.4	73.[illegible]	73.2	73.[illegible]	73.2	73.[illegible]	73.[illegible]	[illegible]
GE 1500	71.4	72.3	74.3	74.[illegible]	75.[illegible]	75.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	72.[illegible]	74.4	75.[illegible]	75.5	75.7	75.7	[illegible]	75.[illegible]	75.[illegible]	[illegible]
GE 900	74.[illegible]	75.1	77.[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	75.4	[illegible]	81.7	[illegible]	83.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	76.[illegible]	[illegible]	81.[illegible]	[illegible]	83.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	77.[illegible]	[illegible]	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.[illegible]
GE 400	[illegible]	81.7	83.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	87.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	87.4	88.4	[illegible]	[illegible]	[illegible]	91.[illegible]	[illegible]
GE 150	[illegible]	[illegible]	86.7	87.	[illegible]	89.1	[illegible]	91.	[illegible]	95.
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	89.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.3	91.7	[illegible]	[illegible]	[illegible]
GE 80	[illegible]	[illegible]	[illegible]	[illegible]	90.1	91.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 936

[illegible] - 3 - 1[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 84
MONTH: DEC HOURS: 09-11

VISIBILITY IN STATUTE MILES										
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
CEILING	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	45.5	45.6	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9
[illegible]	[illegible]	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
[illegible]	[illegible]	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
[illegible]	[illegible]	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
[illegible]	[illegible]	55.3	55.3	55.3	55.6	55.6	55.6	55.6	55.6	55.6
[illegible]	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
[illegible]	51.1	51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4
[illegible]	51.7	51.[illegible]	51.[illegible]	52.2	52.2	52.2	52.2	52.2	52.2	52.2
[illegible]	55.7	57.[illegible]	57.[illegible]	56.1	56.1	56.1	56.1	56.1	56.1	56.1
[illegible]	[illegible]	[illegible]	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4
[illegible]	[illegible]	[illegible]	[illegible]	59.9	59.9	59.9	59.9	59.9	59.9	59.9
[illegible]	[illegible]	71.[illegible]	71.[illegible]	72.3	72.3	72.3	72.3	72.3	72.3	72.3
[illegible]	73.[illegible]	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7
[illegible]	[illegible]	75.[illegible]	[illegible]	75.5	75.5	75.5	75.5	75.5	[illegible]	75.5
[illegible]	77.7	77.[illegible]	77.	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	[illegible]	79.[illegible]	[illegible]	79.4	79.4	79.4	79.4	79.4	79.4	79.4
[illegible]	[illegible]	1.1	1.[illegible]	81.5	81.5	81.5	81.5	81.5	81.5	81.5
[illegible]	84.7	84.[illegible]	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
[illegible]	[illegible]	85.7	85.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
[illegible]	[illegible]	86.6	86.[illegible]	87.1	87.1	87.1	87.1	87.1	87.1	87.1
[illegible]	87.1	[illegible]	[illegible]	87.5	87.5	87.5	87.5	87.5	87.5	87.5
[illegible]	88.7	88.7	88.[illegible]	89.3	89.3	89.3	89.3	89.3	89.3	89.3
[illegible]	[illegible]	90.[illegible]	90.[illegible]	91.0	91.0	91.0	91.0	91.0	91.0	91.0
[illegible]	[illegible]	91.[illegible]	91.3	91.7	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]
[illegible]	[illegible]	91.[illegible]	92.3	93.0	93.1	93.1	93.2	93.2	93.2	93.2
[illegible]	[illegible]	92.[illegible]	93.3	94.[illegible]	94.7	94.7	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]
[illegible]	1.7	94.3	94.1	95.7	95.7	95.7	95.[illegible]	95.[illegible]	95.[illegible]	96.0
[illegible]	[illegible]	94.[illegible]	94.[illegible]	95.[illegible]	97.1	97.1	97.3	97.3	97.3	97.3
[illegible]	[illegible]	95.7	95.7	97.5	98.4	98.4	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
[illegible]	[illegible]	94.[illegible]	95.[illegible]	99.1	99.0	99.0	99.4	99.9	99.9	99.9
[illegible]	[illegible]	94.3	95.[illegible]	99.1	99.0	99.0	99.7	100.0	100.0	100.0
[illegible]	[illegible]	94.[illegible]	95.3	99.1	99.0	99.0	99.7	100.0	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC [illegible] OBSERVATIONS

STATION NUMBER: 725065 STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 MONTH: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	43.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.3	44.3
GE 20000	50.3	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.2	51.2
GE 15000	51.5	52.5	52.7	52.7	52.7	52.7	52.7	52.8	52.9	52.9
GE 10000	51.9	52.8	52.7	52.7	52.7	52.7	52.7	52.8	52.9	52.9
GE 14000	52.0	53.4	53.3	53.3	53.3	53.3	53.3	53.1	53.2	53.2
GE 12000	54.0	55.0	55.4	55.4	55.4	55.4	55.4	55.5	55.6	55.6
GE 10000	55.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 9000	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
GE 8000	61.1	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	63.4	65.3	67.4	67.3	67.4	67.4	67.4	67.4	67.7	67.7
GE 6000	66.5	67.1	67.[illegible]	67.3	68.1	68.1	68.1	68.1	68.4	68.4
GE 5000	67.1	68.3	69.1	69.4	69.4	69.4	69.4	69.[illegible]	69.[illegible]	69.[illegible]
GE 4500	[illegible]	69.7	70.3	70.5	71.3	71.3	71.3	71.4	71.[illegible]	71.[illegible]
GE 4000	71.4	72.5	73.4	73.9	74.2	74.2	74.2	74.5	74.7	74.7
GE 3500	74.9	76.3	76.7	77.1	77.4	77.4	77.4	77.[illegible]	77.[illegible]	77.[illegible]
GE 3000	77.1	78.3	79.2	80.1	80.7	80.8	[illegible]	81.1	81.2	81.3
GE 2500	78.9	80.9	81.9	82.1	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	[illegible]	[illegible]
GE 2000	80.4	81.5	83.2	83.9	84.[illegible]	84.7	84.7	85.4	[illegible]	[illegible]
GE 1500	81.1	82.7	83.3	84.9	85.3	85.4	85.4	86.9	87.[illegible]	87.[illegible]
GE 1000	82.9	86.5	86.2	86.[illegible]	86.[illegible]	86.7	86.[illegible]	87.4	87.[illegible]	[illegible]
GE 800	84.1	85.7	87.3	87.5	88.4	88.4	88.7	89.3	89.[illegible]	89.[illegible]
GE 700	84.2	86.0	87.7	88.7	89.1	89.2	89.2	91.1	91.7	91.[illegible]
GE 600	84.4	86.3	87.9	89.4	89.8	90.2	90.4	91.3	91.9	92.[illegible]
GE 500	84.5	86.2	88.2	89.2	90.2	90.[illegible]	90.[illegible]	91.[illegible]	91.[illegible]	92.4
GE 400	84.9	86.[illegible]	88.7	89.9	90.9	91.2	91.4	92.3	92.4	93.2
GE 300	84.9	86.5	88.[illegible]	90.1	91.3	91.[illegible]	92.3	92.9	93.3	93.9
GE 200	84.9	86.5	88.9	90.4	91.6	92.3	92.6	93.3	94.2	94.4
GE 150	84.9	86.5	88.9	90.4	91.[illegible]	92.5	93.[illegible]	93.9	94.[illegible]	95.3
GE 100	84.9	86.5	88.9	90.4	92.0	93.3	93.3	94.3	95.[illegible]	95.[illegible]
GE 200	84.9	86.5	88.9	90.4	92.0	93.0	93.3	95.3	95.3	95.3
GE 100	84.9	86.5	88.9	90.4	92.0	93.0	93.3	95.3	95.3	95.4
GE 000	84.9	86.5	88.9	90.4	92.0	93.0	93.3	95.3	[illegible]	95.7

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] - 2 - 104

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUN 87
MONTH: DEC HOURS: 12-14

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
[illegible]	[illegible]	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
[illegible]	[illegible]	[illegible]	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
[illegible]	[illegible]	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
[illegible]	[illegible]	[illegible]	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	50.1	50.1	50.1	50.1	50.1	50.1	50.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.9	54.9	54.9	54.9	54.9	54.9
[illegible]	[illegible]	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71.6	71.[illegible]	71.5	71.5	71.5	71.5	71.[illegible]	71.5	71.5
[illegible]	[illegible]	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
[illegible]	77.4	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	87.5	87.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91.1	91.7	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]
[illegible]	[illegible]	91.3	91.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]
[illegible]	[illegible]	91.5	92.[illegible]	92.4	92.4	92.5	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]
[illegible]	91.4	92.3	92.[illegible]	93.0	93.0	93.2	93.5	93.5	93.5	93.5
[illegible]	[illegible]	92.9	93.5	93.9	93.9	94.1	94.4	94.4	94.4	94.4
[illegible]	[illegible]	93.5	94.[illegible]	94.4	94.5	94.5	95.3	95.4	95.4	95.4
[illegible]	[illegible]	94.5	94.5	95.3	95.7	95.9	96.5	96.7	96.7	96.7
[illegible]	[illegible]	94.[illegible]	95.[illegible]	95.3	95.9	97.4	98.1	[illegible]	[illegible]	98.3
[illegible]	[illegible]	95.3	95.9	95.9	97.7	98.4	99.4	99.5	99.7	99.5
[illegible]	[illegible]	95.3	95.9	95.9	97.7	98.4	99.4	99.5	99.7	100.0
[illegible]	[illegible]	95.3	95.[illegible]	95.9	97.7	98.4	99.4	99.5	99.7	100.0

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC — FOR ALL OBSERVATIONS

STATION NUMBER: 725066 — STATION NAME: [illegible] — PERIOD [illegible]
LST TO UTC: + 5 — MONTH: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	3	2	1 1/2	1 1/4	1	3/4
NO CEIL	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 15000	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 14000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 12000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 10000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 9000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 8000	56.3	56.3	57.0	57.0	57.1	57.1	57.1	57.1
GE 7000	62.3	62.8	63.0	63.0	63.1	63.1	63.1	63.1
GE 6000	64.3	64.9	65.3	65.6	65.1	65.1	65.1	65.1
GE 5000	65.5	66.2	66.6	67.1	67.2	67.2	67.2	67.4
GE 4500	67.7	68.3	68.9	69.5	69.6	69.6	69.6	69.6
GE 4000	69.3	70.4	71.1	71.3	71.7	71.7	71.7	71.9
GE 3500	74.4	75.4	74.1	74.7	74.7	74.7	75.1	75.1
GE 3000	75.3	75.3	75.6	77.2	77.3	77.3	77.3	77.3
GE 2500	77.7	77.8	78.3	79.9	79.9	79.9	79.9	79.9
GE 2000	79.4	79.7	80.4	81.8	81.7	81.7	82.3	82.3
GE 1800	80.2	81.1	81.9	83.2	84.3	84.1	84.7	84.7
GE 1500	81.9	82.2	83.0	84.3	85.9	85.9	86.7	86.7
GE 1000	82.3	83.4	84.3	85.7	87.2	87.1	87.5	87.5
GE 1200	83.2	84.5	85.9	87.5	88.4	88.1	88.9	88.9
GE 1000	83.3	84.5	86.2	87.5	89.2	89.6	91.2	91.1
GE 900	83.3	84.5	85.3	87.0	89.2	90.1	91.1	91.1
GE 800	83.3	84.5	85.3	85.3	89.2	90.3	91.3	91.7
GE 700	83.3	85.1	85.3	85.3	89.6	91.2	92.3	92.6
GE 600	83.3	85.1	86.0	88.5	89.6	91.6	92.7	93.4
GE 500	83.3	85.1	86.0	88.5	90.6	91.6	93.9	94.1
GE 400	83.3	85.2	86.9	88.5	91.1	92.6	94.4	94.5
GE 300	83.3	85.2	86.9	88.5	91.3	92.6	94.1	95.2
GE 200	83.3	85.2	86.9	88.5	91.3	92.6	94.1	95.3
GE 100	83.3	85.2	86.9	88.5	91.3	92.6	94.1	95.3
GE 000	83.3	85.2	86.9	88.5	91.3	92.6	94.1	95.3

TOTAL NUMBER OF OBSERVATIONS 330

9 - 2 - 198

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
IN HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 72 - JUN 79
MONTH: DEC HOURS: 15-17

VISIBILITY IN STATUTE MILES

1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.6
[illegible]	[illegible]	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
[illegible]	[illegible]	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
[illegible]	[illegible]	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
[illegible]	[illegible]	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.6
[illegible]	[illegible]	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
[illegible]	[illegible]	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
[illegible]	[illegible]	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
[illegible]	[illegible]	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.9
[illegible]	71.9	71.9	71.9	71.9	72.9	72.9	72.9	72.9	72.9	72.9
[illegible]	[illegible]	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
[illegible]	[illegible]	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.5
[illegible]	[illegible]	91.3	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	91.1	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
[illegible]	91.5	91.7	91.9	92.3	92.4	92.4	92.5	92.5	92.5	92.5
[illegible]	[illegible]	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.5	93.5
[illegible]	[illegible]	93.4	93.7	94.0	94.4	94.4	94.7	94.7	94.7	94.7
[illegible]	[illegible]	93.9	94.1	94.6	95.1	95.1	95.6	95.6	95.6	95.6
[illegible]	[illegible]	94.9	94.9	95.5	95.1	95.1	95.5	[illegible]	95.5	96.5
[illegible]	[illegible]	95.2	95.2	95.4	97.2	97.2	95.5	[illegible]	95.4	95.4
[illegible]	[illegible]	95.5	95.7	95.9	97.4	97.4	95.9	95.9	97.5	97.5
[illegible]	94.1	95.3	95.7	96.3	97.4	97.4	98.9	98.9	98.5	99.9
[illegible]	94.1	95.3	95.7	96.3	97.4	97.4	99.9	99.9	99.5	100.0

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
USAFETAC, ASHEVILLE, NC — [illegible] HOURLY OBSERVATIONS

STATION NUMBER: 725055 — STATION NAME: [illegible] — [illegible]
LST TO UTC: + 5 — [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES ≥ 7	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	43.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	51.1	51.1	51.2	51.5	51.6	51.6	51.6	51.6	51.6	[illegible]
GE 18000	51.9	51.9	52.0	52.4	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	52.2	52.2	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	52.6	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	55.5	55.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	[illegible]
GE 10000	56.2	56.2	56.1	56.4	56.5	56.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	56.0	56.0	56.1	56.4	56.5	56.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	56.2	56.2	56.1	56.4	56.5	56.5	56.5	56.5	[illegible]	[illegible]
GE 7000	66.2	66.2	66.3	66.6	66.7	67.2	67.2	67.3	67.3	67.3
GE 6000	67.2	67.2	67.3	67.7	67.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	68.4	68.4	68.5	69.0	70.1	70.1	70.1	70.1	70.1	[illegible]
GE 4500	71.[illegible]	71.[illegible]	71.[illegible]	72.[illegible]	72.7	73.1	73.1	73.2	73.2	[illegible]
GE 4000	72.[illegible]	73.[illegible]	73.[illegible]	74.[illegible]	74.[illegible]	75.1	75.1	75.2	75.2	[illegible]
GE 3500	75.2	75.2	75.3	75.6	77.1	77.5	77.5	77.7	77.7	77.7
GE 3000	77.2	77.2	77.4	78.0	78.2	78.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	79.4	79.4	79.9	80.4	80.[illegible]	81.4	81.5	81.[illegible]	81.[illegible]	81.[illegible]
GE 2000	82.1	82.3	81.4	82.[illegible]	82.[illegible]	83.1	[illegible]	83.7	83.7	[illegible]
GE 1800	[illegible]	81.0	81.5	82.[illegible]	82.5	83.[illegible]	[illegible]	83.[illegible]	[illegible]	[illegible]
GE 1500	81.6	81.7	82.[illegible]	83.[illegible]	84.[illegible]	[illegible]	85.2	85.4	85.4	[illegible]
GE 1200	[illegible]	[illegible]	83.5	84.[illegible]	85.5	86.2	[illegible]	87.[illegible]	87.[illegible]	87.1
GE 1000	82.7	83.2	84.4	85.0	85.[illegible]	87.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	83.2	83.5	84.[illegible]	85.7	87.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	83.1	83.7	84.9	85.7	88.1	89.3	89.7	[illegible]	[illegible]	[illegible]
GE 700	83.1	83.7	85.3	87.2	89.7	89.7	90.[illegible]	90.9	91.[illegible]	91.3
GE 600	83.2	84.1	85.3	87.[illegible]	89.5	91.[illegible]	91.[illegible]	92.[illegible]	92.[illegible]	[illegible]
GE 500	83.2	84.1	85.3	87.[illegible]	90.3	91.3	92.[illegible]	93.1	93.3	94.1
GE 400	83.2	84.2	85.3	88.3	90.9	92.3	93.7	94.6	94.6	[illegible]
GE 300	83.2	84.2	85.3	88.3	91.2	93.2	95.1	96.2	96.2	97.[illegible]
GE 200	83.2	84.2	85.6	88.3	91.2	93.3	95.2	95.1	96.1	97.[illegible]
GE 100	83.2	84.2	85.0	88.3	91.2	93.3	95.[illegible]	95.1	96.[illegible]	97.[illegible]
GE 000	83.2	84.2	85.0	88.3	91.2	93.3	95.[illegible]	95.1	96.[illegible]	97.[illegible]

TOTAL NUMBER OF OBSERVATIONS 330

[illegible] - 2 - 1[illegible]

A

T FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: DEC HOURS: 18-20

IBILITY IN STATUTE MILES

	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.5
1.5	[illegible]	51.5	51.5	51.5	51.5	51.5	51.5	51.5	[illegible]	51.5
[illegible]	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
3.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	64.0	64.0	64.0	64.0	64.0	64.0	64.0	[illegible]	64.0
7.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.3	[illegible]	[illegible]	[illegible]	[illegible]	68.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.5	[illegible]	[illegible]	[illegible]	[illegible]	70.5
.1	[illegible]	[illegible]	73.2	73.2	73.2	73.2	73.2	[illegible]	73.2	73.2
[illegible]	[illegible]	[illegible]	75.2	[illegible]	75.2	75.2	75.2	[illegible]	[illegible]	75.2
[illegible]	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	[illegible]
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.7	[illegible]	[illegible]	[illegible]	91.4	91.4	91.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.2
[illegible]	[illegible]	[illegible]	[illegible]	94.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	[illegible]	[illegible]	[illegible]	97.7	97.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	97.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

6

OPERATING LOCATION MAP

USAFETAC, ASHEVILLE NC

STATION NUMBER: 72[illegible]

STATION NAME: [illegible]

LST TO UTC: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2
NO CEIL	45.7	[illegible]	47.0	47.2	47.4	47.4	47.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	51.0	51.1	51.3	51.5	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	51.4	[illegible]	51.7	52.3	52.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	51.5	51.7	51.9	52.5	52.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	52.7	52.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	54.1	54.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	57.1	57.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - 197

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: JUL HOURS: 21-23

ILITY IN STATUTE MILES

[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
47.4	47.5	47.5	47.5	47.6	47.5	47.5	47.6	47.6	47.5
51.	51.[illegible]	51.4	52.0	52.0	52.0	52.0	[illegible]	[illegible]	52.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.5
[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	52.7
[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	53.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.[illegible]
[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]1.7	[illegible]1.7	[illegible]1.7	[illegible]1.7	[illegible]1.7	[illegible]1.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	70.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.2
[illegible]	[illegible]	[illegible]	[illegible]	74.3	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]
77.1	77.2	77.2	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.1	91.1	91.4	[illegible]	91.[illegible]	91.7	[illegible]	[illegible]	91.[illegible]
[illegible]	91.7	91.7	[illegible]	92.4	92.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.0
[illegible]	[illegible].7	[illegible].7	94.1	[illegible]	94.7	[illegible]	[illegible].7	[illegible].7	[illegible].7
[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	97.1	[illegible]	[illegible]	97.4
[illegible].7	[illegible]	[illegible]	95.1	[illegible]	97.0	[illegible]	[illegible]	[illegible].7	[illegible].7
[illegible].7	[illegible]	[illegible]	[illegible].1	[illegible]	97.0	[illegible]	[illegible]	[illegible]	99.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.0	[illegible]	[illegible]	[illegible]	100.0

[illegible] - [illegible] - 107

B

OPERATING LOCATION "A"
USAF-ETAC, ASHEVILLE NC

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO GMT: + [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	[illegible]	[illegible]	4	[illegible]	2 1/2	[illegible]	[illegible]	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	47.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	52.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	71.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: DEC HOURS: ALL

VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	[illegible]
[illegible]	[illegible]	[illegible]	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
[illegible]	[illegible]	51.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.7	52.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.4	[illegible]	[illegible]	[illegible]	[illegible]	55.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.1	74.1	[illegible]	[illegible]	[illegible]	74.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCUR[illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY [illegible]

STATION NUMBER: 725064 STATION NAME: PEASE AFB [illegible] PAGE [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	47.7	[illegible]	43.1	[illegible]	49.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	54.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	55.7	55.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	55.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.1	[illegible]	[illegible]
GE 120[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GE 7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	74.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	74.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	7.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL [illegible] OBSERVATIONS: 7[illegible]7

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: ALL HOURS: ALL

VISIBILITY IN STATUTE MILES

	GE	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.3	[illegible]	50.4	50.4
	.1	[illegible]	[illegible]	[illegible]	[illegible]	55.2	[illegible]	[illegible]	[illegible]	55.4
	[illegible]	[illegible]	[illegible]	[illegible]	55.7	55.7	55.7	55.7	.7	[illegible]
	[illegible]	[illegible]	56.7	56.7	56.7	56.7	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.4
	[illegible]	59.7	59.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	62.1	62.1	[illegible]	[illegible]	62.2	[illegible]	62.3	[illegible]	62.4
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.1
	[illegible]	.7	.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	71.	71.	71.	71.	[illegible]	71.	72.
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.1
	[illegible]	[illegible]	[illegible]	75.3	75.3	75.3	[illegible]	[illegible]	75.4	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	.7	.7	.7	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	.1	.1	[illegible]	[illegible]	[illegible]	.3	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	.7	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	.3	.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	7.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	.7	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	.7	.7	[illegible]
	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	.7	.7	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	41.	41.	[illegible]	[illegible]	[illegible]	.1	[illegible]
	[illegible]	.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	.7	[illegible]
	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	7.1	[illegible]	7.2	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	99.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	.7	[illegible]	[illegible]	.7	[illegible]	100.0

OPERATIONS LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY CONDITIONS
USAFETAC, ASHEVILLE NC — FOR THE MONTH OF JULY

STATION NO: 72[illegible] — STATION NAME: [illegible] — PERIOD OF RECORD: [illegible]
LST TO UTC: + 5 — [illegible]

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	FOG OBSCURATION	ST 1/2
00-02	[illegible]	[illegible]	13.3	32.[illegible]	3.7	[illegible]
03-05	[illegible]	[illegible]	14.[illegible]	32.0	[illegible]	[illegible]
06-08	[illegible]	[illegible]	17.7	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	34.1	[illegible]	[illegible]
12-14	[illegible]	[illegible]	21.[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	21.[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	34.7	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	14.[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	17.0	[illegible]	[illegible]	[illegible]

[illegible]

00-02	[illegible]	21.7	[illegible]	[illegible]	[illegible]	[illegible]
03-05	21.7	27.[illegible]	11.4	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	21.[illegible]	37.7	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	37.[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	17.7	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	31.1	17.2	[illegible]	[illegible]	[illegible]

FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: JAN HOURS:ALL

SKY CLASSES EAST	TOTAL OBSERVATION	GT 1/2	PARTIAL OBSERVATION	TOTAL OBS
[illegible]	3.7	97.7	[illegible]	330
[illegible]	3.[illegible]	7[illegible]	[illegible]	330
[illegible]	3.[illegible]	[illegible].1	4.[illegible]	933
[illegible].1	[illegible]	[illegible]	7.[illegible]	330
[illegible]	[illegible]	[illegible]	[illegible].7	33[illegible]
[illegible]	[illegible].7	[illegible]	[illegible]	33[illegible]
[illegible].7	[illegible]	[illegible]	[illegible].1	33[illegible]
[illegible]	[illegible]	[illegible].1	[illegible].1	33[illegible]
[illegible]	[illegible]	[illegible]	4.[illegible]	7[illegible]

DATA: FROM HOURS: ALL

[illegible]	[illegible]	[illegible]	[illegible]	34[illegible]
[illegible].7	[illegible]	[illegible].1	[illegible]	34[illegible]
[illegible]	[illegible].1	[illegible]	[illegible].7	34[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34[illegible]
7.7	[illegible]	[illegible]	[illegible]	34[illegible]
7.[illegible]	[illegible]	[illegible]	[illegible].1	34[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34[illegible]
[illegible]	[illegible]	[illegible]	[illegible].7	34[illegible]
[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM [illegible] OF OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

[illegible]

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	ST [illegible]
00-02	[illegible]	[illegible]	13.[illegible]	37.4	[illegible]	[illegible]
03-05	22.9	21.9	14.3	33.3	2.6	[illegible]
06-08	[illegible]	36.2	16.[illegible]	35.4	[illegible]	[illegible]
09-11	[illegible]	35.2	21.4	35.3	2.3	[illegible]
12-14	[illegible]	30.2	26.3	34.7	1.[illegible]	[illegible]
15-17	7.7	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	36.7	[illegible]	34.7	2.7	[illegible]
21-23	22.2	22.4	14.4	37.6	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

00-02	[illegible]	[illegible]	13.[illegible]	41.2	[illegible]	[illegible]
03-05	11.[illegible]	[illegible].7	17.[illegible]	37.[illegible]	[illegible].7	[illegible]
06-08	[illegible]	27.[illegible]	24.[illegible]	[illegible]	[illegible]	[illegible].7
09-11	[illegible]	[illegible]	[illegible].1	[illegible]	1.2	[illegible]
12-14	[illegible].7	[illegible]	[illegible].3	[illegible]	.	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	.	[illegible]
18-20	[illegible]	[illegible].1	24.[illegible]	[illegible].7	3.1	[illegible]
21-23	15.1	[illegible]	17.[illegible]	[illegible]	.	1.
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

```
QUENCY OF OCCURRENCE OF SKY COVER
ED BY OBSERVATIONS

                              PERIOD OF RECORD:  JUL 7? - JUN ?
                              MONTH: MAR HOURS:ALL
.............................................
Y CLASSES
UT          TOTAL         GT       PARTIAL       TOTAL
        OBSCURATION     1/2    OBSCURATION     OBS
.............................................
7.          3.2        24.0        5.1          930

 .          2.6        2 .2        4.5          930

 .          2.          .            .          930

 .3         2.3          .0        5.2          930

 .7         1.6        22.7        4.1          930

 .          2.3         4.         4.           930

 .7         2.7          .2        4.2          930

7.          3.5          .         3.           930


 .          2.           .         4.           744

.............................................

                              MONTH: APR HOURS: ALL


.............................................
 .          4.2          .         3.           900

 .           .7          .         1.           900

 .           .         7.          7.           900

 .          1.         7.           .           900

 .           .           .          .           900

 .           .           .         2.           900

 .7         3.1          .7        1.           900

 .           .         1.          2.           900


 .           .1          .         4.           720
.............................................
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B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE, NC FROM [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

HOURS (LST)	SCATTERED	BROKEN	OVERCAST	[illegible]	[illegible]
00-02	25.4	13.5	34.1	[illegible]	[illegible]
03-05	31.3	22.5	32.4	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	41.2	37.[illegible]	[illegible]	[illegible]
12-14	26.7	32.[illegible]	[illegible]	.1	[illegible]
15-17	[illegible]	[illegible]	41.[illegible]	.	[illegible]
18-20	[illegible]	33.7	42.2	[illegible]	[illegible]
21-23	[illegible]	[illegible]	37.[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	37.[illegible]	37.[illegible]	[illegible]	[illegible]

00-02	[illegible]	[illegible]	13.1	39.7	[illegible]	[illegible]
03-05	[illegible]	39.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	27.[illegible]	35.7	[illegible]	[illegible]
12-14	[illegible]	31.[illegible]	[illegible]	[illegible]	.1	[illegible]
15-17	[illegible]	[illegible]	[illegible]	41.7	[illegible]	71.[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	1.7	[illegible]

A

FREQUENCY OF OCCURRENCE OF SKY COVER
BY HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: MAY HOURS:ALL

SKY COVERS				
[illegible]	TOTAL OBSERVATION	[illegible] 1/2	PARTIAL OBSCURATION	TOTAL [illegible]
[illegible]	[illegible]	57.4	[illegible]	933
[illegible]	[illegible]	[illegible]	[illegible]	933
[illegible]	[illegible]	[illegible]	[illegible]	9[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	933
[illegible]	.1	71.[illegible]	[illegible]	936
[illegible]	[illegible]	[illegible]	[illegible]	933
[illegible]	[illegible]	74.1	[illegible]	936
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.[illegible]	[illegible]	7449

[illegible] : JUL [illegible]: ALL

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	11.7	[illegible]
[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]
[illegible]	.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71.[illegible]	[illegible]	[illegible]
[illegible]	1.[illegible]	[illegible]	7.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.7	[illegible]
[illegible]	1.7	[illegible]	[illegible]	71[illegible]

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY DAY OF
[illegible]

STATION NUMBER: 72305 STATION NAME: [illegible]
LST TO UTC: + 5

[illegible]

HOURS (LST)	SLIGHT	MODERATE	SEVERE	MEAN CAST	TOTAL OBSERVATIONS	%	[illegible]
00-02	21.5	24.7	12.0	25.2	4.4	[illegible]	[illegible]
03-05	[illegible]	34.4	25.3	24.5	[illegible]	[illegible]	[illegible]
06-08	[illegible]	35.4	24.5	27.[illegible]	4.1	[illegible]	[illegible]
09-11	[illegible]	25.7	31.3	[illegible]	1.[illegible]	[illegible]	[illegible]
12-14	[illegible]	36.2	35.7	[illegible]	[illegible]	[illegible]	[illegible]
15-17	1.1	[illegible]	37.5	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	36.6	31.[illegible]	1.[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	23.1	[illegible]	[illegible]	1.1	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

00-02	[illegible]	[illegible]	17.4	[illegible]	[illegible]	[illegible]	[illegible]
03-05	11.7	34.7	21.3	[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	37.3	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	37.1	[illegible]		[illegible]	
15-17	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	
18-20	[illegible]	33.[illegible]	31.1	37.5	[illegible]	[illegible]	[illegible]
21-23	14.5	[illegible]	23.1	35.5	1.[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	27.[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]

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[illegible] OF OCCURRENCE OF SKY COVER
[illegible] OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: JUL HOURS:ALL

[illegible]	TOTAL OBSERVATIONS	% 1/2	PARTIAL OBSERVATIONS	TOTAL OBS
[illegible]	4.9	43.[illegible]	13.5	933
[illegible]	[illegible]	[illegible]	15.7	933
[illegible]	4.1	[illegible]	17.2	933
[illegible]	1.[illegible]	[illegible]	1[illegible]	933
[illegible]	.0	[illegible]	[illegible]	933
[illegible]	.1	[illegible]	11.[illegible]	933
[illegible]	1.[illegible]	[illegible]	11.[illegible]	933
[illegible]	[illegible]	1.1	1[illegible]	933
[illegible]	[illegible]	[illegible]	13.[illegible]	7441

[illegible] HOURS: ALL

[illegible]	1.[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	1[illegible]	[illegible]
[illegible]	.3	[illegible]	1[illegible]	[illegible]
[illegible]	1.[illegible]	[illegible]	11.[illegible]	[illegible]
[illegible]	1.[illegible]	[illegible]	11.7	744[illegible]

OPERATING LOCATION "A"
USAFFTAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY [illegible]
FROM HOURLY [illegible] RATINGS

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: 4.5

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSERVATIONS	[illegible]
00-02	[illegible]	29.7	14.3	27.3	2.4	[illegible]
03-05	21.1	32.6	14.5	29.5	[illegible]	[illegible]
06-08	[illegible]	35.7	22.4	32.1	[illegible]	[illegible]
09-11	[illegible]	41.2	26.1	26.4	.9	[illegible]
12-14	[illegible]	43.9	20.1	23.9		[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]
18-20	[illegible]	[illegible]	25.2	25.7	1.0	[illegible]
21-23	22.1	31.4	17.9	26.1	1.[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	27.9	1.[illegible]	[illegible]

[illegible]

00-02	[illegible]	[illegible]	15.4	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.7
06-08	[illegible]	41.2	24.[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	27.7	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	27.[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	27.[illegible]	[illegible]	[illegible]

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FREQUENCY OF OCCURRENCE OF SKY COVER
[illegible]LY OBSERVATIONS

[illegible]          PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
                     [illegible]: [illegible] HOURS: ALL
...........................................
Y CLASSES
OUT        TOTAL          [illegible]     PARTIAL       TOTAL
        OBSCURATION       1/[illegible]  OBSCURATION     OBS
...........................................
.[illegible]     2.4          44.[illegible]         [illegible].0          900
.[illegible]     2.[illegible]          4[illegible].[illegible]         [illegible].2          900
.1     2.[illegible]          [illegible].0         [illegible].[illegible]          900
.[illegible]      .[illegible]          [illegible].[illegible]         [illegible].3          900
.[illegible]                   [illegible].[illegible]         [illegible].1          900
.       .1          [illegible]7.         [illegible].7          [illegible]00
.7     1.[illegible]          [illegible].[illegible]         [illegible].3          [illegible]0[illegible]
.[illegible]     1.           [illegible].         7.[illegible]          [illegible]0[illegible]

.[illegible]     [illegible].[illegible]          [illegible].          [illegible].[illegible]          72[illegible]
...........................................

                     [illegible]: [illegible] HOURS: ALL


...........................................
.[illegible]     [illegible].          [illegible].[illegible]          .          [illegible]
.      [illegible].[illegible]          [illegible]7.7         [illegible].1          [illegible]
.      [illegible].[illegible]          .                .[illegible]          [illegible]
.[illegible]     1.[illegible]          [illegible].7         .[illegible]          [illegible]
.[illegible]     [illegible].          [illegible].         .1          [illegible]
.       .[illegible]          .[illegible]         [illegible].[illegible]          [illegible]
.7     1.[illegible]          [illegible].         [illegible].[illegible]          [illegible]
.[illegible]     [illegible].          [illegible].         4.          [illegible]

.[illegible]     [illegible].[illegible]          [illegible].         [illegible].[illegible]          7[illegible]
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6

OPERATING LOCATION [illegible]
USAFETAC, [illegible]

STATION [illegible]

HOURS (GMT)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

09-12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

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[illegible]
[illegible]

[illegible]                    [illegible] JUL [illegible] - [illegible]
                                [illegible]
.............................................
[illegible]
[illegible]   [illegible]        [illegible]    PARTIAL           TOTAL
              [illegible]        1/2            [illegible]       [illegible]
.............................................
.             2.4            [illegible]         [illegible]        [illegible]

.7            [illegible]    [illegible]         [illegible]        [illegible]

.             [illegible]    [illegible]         [illegible]        [illegible]

[illegible]   [illegible]    [illegible]         [illegible]        [illegible]

[illegible]   [illegible]    [illegible]         [illegible]        [illegible]

.             [illegible]    [illegible]         [illegible]        [illegible]

[illegible]   [illegible]    [illegible]         [illegible]        [illegible]

.             [illegible]    [illegible]         [illegible]        [illegible]


.             [illegible]    [illegible]         [illegible]        [illegible]
.............................................

                              [illegible]


.............................................
[illegible]   3.5            [illegible]         [illegible]        [illegible]

[illegible]   [illegible]    [illegible]         [illegible]        [illegible]

.7            [illegible]    [illegible]         [illegible]        [illegible]

[illegible]   [illegible]    [illegible]         [illegible]        [illegible]

.             [illegible]    [illegible]         [illegible]        [illegible]

[illegible]   [illegible]    [illegible]         [illegible]        [illegible]

[illegible]   [illegible]    [illegible]         [illegible]        [illegible]

[illegible]   [illegible]    [illegible]         [illegible]        [illegible]


[illegible]   [illegible]    [illegible]         [illegible]        7440
.............................................

              [illegible] - 3 - [illegible]
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B

OPERATIONS DIVISION "A"

USAFETAC, [illegible]

STATION NAME : [illegible]

STATION [illegible]

TIME (LST)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-06	[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
06-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-12	[illegible]	[illegible]	[illegible]	33.1	1.7	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	17.[illegible]	[illegible]	[illegible]	[illegible]	.7	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

- [illegible]

- [illegible] (ALL [illegible]).

- [illegible] (ALL [illegible]).

[illegible] THE [illegible] AS SPECIFIED [illegible] WEATHER DATA," [illegible]

[illegible] MUST BE USED WITH CAUTION. [illegible] WET BULB TEMPERATURES [illegible] ([illegible]). [illegible] DEW POINTS (AND HENCE HUMIDITY, [illegible] ACTUALLY LOWER THAN SHOWN IN THE TABLES. [illegible] WET BULB TEMPERATURES MAY ACTUALLY [illegible] BULB TEMPERATURES.

A

[illegible]

[illegible]

[illegible] (.[illegible]).

[illegible]

[illegible] [illegible]S (.[illegible]),

[illegible]

[illegible]

[illegible] (.[illegible]).

[illegible]

[illegible], "[illegible] TECHNIQUES."

[illegible] STATI[illegible]

[illegible] TEMPERATURE [illegible]

[illegible] TEMPERATURES) [illegible]

[illegible] TABLES. [illegible] GROUPS, IN FACT,

[illegible] ACTUALLY [illegible] AS EXCEEDING THE MEAN [illegible]

B

[illegible]

[illegible]

[illegible]

- [illegible]

- [illegible]

- [illegible]

A

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

OPERATING LOCATION [illegible] CUMULATIVE [illegible]
[illegible]

STATION [illegible] STATION [illegible]

TEMP (DEG F)	JAN	[illegible]	[illegible]	APR	MAY	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	33.	42.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SD	[illegible]	4.27	[illegible]	9.71	10.1	[illegible]	[illegible]	7.1
TOTAL OBS	1075	932	1025	1011	1064	[illegible]	[illegible]	[illegible]

A

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[illegible]

                                          [illegible]
                                          [illegible]
..........................................................................................
[illegible]  [illegible]  JUL  [illegible]  [illegible]  OCT  [illegible]  [illegible]  [illegible]

..........................................................................................
                  .1       .1                                                   [illegible]
 .[illegible]                  .7                                                  .2
                  7.[illegible]                                                    1.7
                                            .2
                  1.[illegible]             1.[illegible]                           13.[illegible]
                                            1[illegible].3
                                            [illegible]7.7                          4[illegible].7
                                                                  [illegible].1
                                                                  17.[illegible]
                                                                                    77.1
                                                                                    1.7

..........................................................................................
 [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  [illegible].7  [illegible]  [illegible].1  [illegible].2
 [illegible]  [illegible]  [illegible]  7.1[illegible]  [illegible].31  [illegible]  [illegible]  [illegible].1  1[illegible].[illegible]7
..........................................................................................
 [illegible]  [illegible]  [illegible]  [illegible]  [illegible]  1[illegible]  [illegible]  1[illegible]  1213[illegible]
..........................................................................................
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[illegible] - [illegible] - 1

b

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[illegible]
STATION [illegible]            STATION [illegible]
..................................................................................
 TEMP       [illegible]
 (DEG-F)
.......... .......................................................................
[illegible]
.......... .......................................................................
MEAN        [illegible]  [illegible]  27.5  36.7  [illegible]
SD          [illegible]  [illegible]  7.0   [illegible]
.......... .......................................................................
TOTAL OBS   [illegible]  [illegible]  [illegible]  1011  [illegible]
..................................................................................
```

A

[illegible]

[illegible]								
				MONTHS ALL	ALL-SS ALL			
MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
	.1	.7	.3					.1
.1	[illegible]	[illegible]	[illegible]	.7				1.6
.3	[illegible]	[illegible]	24.4	[illegible].1				5.9
.7	[illegible]	[illegible].2	[illegible].7	14.1	.7	.1		14.4
[illegible]	[illegible]	[illegible].9	1.1	[illegible].7	[illegible].4	.4		24.0
[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].4	17.7	[illegible]	.1	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.[illegible]	[illegible]	[illegible]	42.[illegible]
.1	[illegible]		[illegible]	[illegible]	[illegible].4	[illegible].1	[illegible]	[illegible]
[illegible]	[illegible]			[illegible]	[illegible].1	41.[illegible]	7.	[illegible]
[illegible]				[illegible]	[illegible]	33.3	11.[illegible]	64.5
[illegible]				[illegible]	25.7	[illegible]	[illegible]	71.[illegible]
[illegible]					[illegible]	[illegible]	[illegible]	73.[illegible]
					[illegible]	[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	34.[illegible]
							[illegible]	97.[illegible]
							[illegible].7	[illegible]
							[illegible]	[illegible].7
							[illegible]	[illegible]
								[illegible]
								133.0

[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].01	[illegible]	[illegible].13	7.52	7.[illegible]	[illegible]	[illegible].7	17.40
[illegible]	[illegible]	1023	1023	[illegible]	1023	[illegible]	[illegible]	12139

[illegible]

OPERATING [illegible] CUMULATIVE PERCENTAGE [illegible]
USAFETAC, AFGWC [illegible]

STATION [illegible] STATION NAME [illegible]
LST ID NTC: [illegible]

TEMP (DEG-F)						MAY			
[illegible]								.2	.2
[illegible]	[illegible]					.4	[illegible]	[illegible]	[illegible]
[illegible]	7[illegible]					1.[illegible]	[illegible]	[illegible].4	1[illegible]
[illegible]	7[illegible]				.7	[illegible]	[illegible]	[illegible].7	[illegible]
[illegible]	[illegible]				1.4	1[illegible].7	[illegible]	[illegible].4	[illegible]
[illegible]	[illegible]			.[illegible]	4.3	24.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	.1	.1	1.[illegible]	11.4	[illegible].4	[illegible].1	[illegible]	[illegible]
[illegible]	5[illegible]	.2	.2	[illegible]	25.1	[illegible]	[illegible].7		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	4[illegible]	[illegible].7	[illegible].1	25.[illegible]	[illegible]	[illegible]			
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7				
[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
[illegible]	[illegible]	[illegible]		[illegible]					
[illegible]		[illegible]		[illegible]					
[illegible]		[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]							
[illegible]	-1[illegible]	[illegible]							

MEAN	[illegible]	[illegible].2	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible].1
SD	[illegible]	[illegible].13	7.73	7.13	7.[illegible]	[illegible].3	[illegible].1	[illegible]
TOTAL OBS	[illegible]	1223	932	1023	1011	1[illegible]	[illegible]	1023	1023

CUMULATIVE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
BASED SUMMARY OF DAY DATA

PERIOD OF RECORD: 5664-[illegible]
MONTHS: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		.7	.2					.1
.4	2.3	5.4	3.3	1.1				1.2
1.5	10.[illegible]	2[illegible].4	10.4	4.7				5.3
[illegible]	[illegible].4	[illegible].7	4[illegible].3	14.5	.4			13.1
[illegible].7	[illegible].4	[illegible].5	7[illegible].2	32.7	4.1	.5		22.7
[illegible].7	7[illegible].4	[illegible].3	[illegible].4	7.7	14.4	1.5		32.1
[illegible].4	[illegible].1	1[illegible].3	[illegible].5	[illegible]2.9	31.7	[illegible].3	.2	40.5
1.[illegible]	[illegible].7		100.3	35.9	56.2	15.7	1.[illegible]	43.7
[illegible].5	100.3			100.3	[illegible].2	32.2	4.7	55.[illegible]
[illegible]					94.9	5[illegible].3	13.1	65.7
[illegible]					3[illegible].3	7[illegible].4	[illegible]7.[illegible]	74.5
					99.9	[illegible]7.7	[illegible]7.3	7[illegible].2
					100.0	[illegible].7	[illegible].[illegible]	[illegible]2.[illegible]
						99.3	7[illegible].2	[illegible]9.1
						100.1	[illegible].[illegible]	93.3
							[illegible].4	97.9
							[illegible]	[illegible].4
							[illegible].[illegible]	[illegible].7
							[illegible].[illegible]	[illegible].9
							100.0	100.0
								100.0

[illegible].1	[illegible].3	7[illegible].[illegible]	[illegible].1	[illegible]1.5	[illegible]1.1	[illegible]1.4	2[illegible].2	[illegible].1
7.[illegible]	[illegible].3	[illegible].41	[illegible].95	7.25	7.42	7.9[illegible]	9.37	17.93
1[illegible]	1[illegible]	1023	1023	[illegible]	1023	[illegible]	1023	12135

B

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE, NC

STATION [illegible]: 7[illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
59	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]
60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

A

[illegible] TEMPERATURES IN FAHRENHEIT

[illegible]

MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
7	[illegible]	[illegible]	[illegible]	83	74	[illegible]	[illegible]	[illegible]
[illegible]	82	[illegible]	[illegible]	89	74	66	[illegible]	93
[illegible]	87	[illegible]	[illegible]	[illegible]	78	63	67	92
[illegible]	[illegible]	[illegible]	[illegible]	94	[illegible]	73	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	92
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95
[illegible]	[illegible]	101	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	101
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	67	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95
[illegible]	91	91	[illegible]	[illegible]	[illegible]	67	[illegible]	[illegible]
[illegible]	7	[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	92
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91	[illegible]	77	[illegible]	71	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	91	[illegible]	[illegible]	[illegible]	91	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67	[illegible]	95
1	91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	93	[illegible]	[illegible]	74	[illegible]	[illegible]	94
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	91	[illegible]	75	73	77	91
[illegible]	[illegible]	[illegible]	[illegible]	94	73	[illegible]	[illegible]	95
[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	75	[illegible]	97
[illegible]	[illegible]	94	92	91	81	[illegible]	67	95
[illegible]	[illegible]							90*

B

OPERATING LOCATION [illegible] MONTHLY MAXIMUM [illegible]
USAFETAC, [illegible] VILLE [illegible] [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
EST TO UTC: [illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GREATEST	81	86	79	81	93	[illegible]	101	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

THE GREATEST VALUE OF 101 OCCURRED ON 07/01/[illegible]

NOTE: MEAN VALUE IS BASED ON A MINIMUM OF [illegible]

[illegible]

A

[illegible]

[illegible]

[illegible]

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	131	101	[illegible]	87	76	[illegible]	101
[illegible]	[illegible]	1023	1073	[illegible]	[illegible]	[illegible]	[illegible]	12135

[illegible] 07/01/64

[illegible] LESS THAN [illegible] OF THE DATA AVAILABLE FOR THE MONTH

[illegible] - 3 - 19

B

OPERATING LOCATION: [illegible]
USAFETAC, ASHEVILLE, NC

STATION NUMBER: [illegible] STATION NAME: [illegible]
LAT IN DEG: [illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				27*	[illegible]	[illegible]	[illegible]	[illegible]
57	-16	7	17	[illegible]	37	[illegible]	[illegible]	[illegible]
58	3	-4	[illegible]	[illegible]	33	[illegible]	[illegible]	[illegible]
59	-2	-3	[illegible]	27	[illegible]	[illegible]	[illegible]	[illegible]
60	[illegible]	17	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
61	-10	-7	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62	-1	-7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	[illegible]	-3	11	27	24	[illegible]	[illegible]	[illegible]
64	-6	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	-1	[illegible]	[illegible]	[illegible]	37	[illegible]	[illegible]	[illegible]
66	-2	-1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
67	[illegible]	-7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68	-12	-4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70	-6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	-13	-1	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72	-1	-7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	-[illegible]	-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	-11	[illegible]	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75	[illegible]	-1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76	-	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	[illegible]	[illegible]	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
83	-1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	1	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87	[illegible]	-2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
88	-4	1	[illegible]	31	[illegible]	[illegible]	[illegible]	[illegible]
89	2	7	[illegible]	[illegible]	[illegible]	[illegible]		

A

[illegible] TEMPERATURE IN FAHRENHEIT
[illegible] SUMMARY OF DAY DATA

[illegible] PERIOD OF RECORD: [illegible]
MONTHS: ALL HOURS: ALL

AY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	[illegible]	[illegible]	37	[illegible]	17	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	12	[illegible]	-15
[illegible]	42	33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27	17	[illegible]	-3
[illegible]	[illegible]	54	[illegible]	[illegible]	[illegible]	[illegible]	1	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32	[illegible]	[illegible]	-4
[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47	[illegible]	47	[illegible]	32	[illegible]	[illegible]	-12
[illegible]	[illegible]	[illegible]	[illegible]	37	24	[illegible]	-1	-1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]	-13
[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	11	[illegible]	-7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	11	[illegible]
[illegible]	[illegible]	1	[illegible]	37	31	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	37	[illegible]	[illegible]	-	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	21	11	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	44	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	-4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	4
[illegible]	[illegible]	54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	16	[illegible]	-2
[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-4
[illegible]	[illegible]							[illegible]

- 3 - 2A

6

OPERATING LOCATION [illegible] MONTHLY MINIMUM TEMPERATURES IN [illegible]
USAFETAC, [illegible] FROM JANUARY [illegible] MAY [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: +[illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
LEAST	-1[illegible]	-[illegible]	[illegible]	17	2[illegible]	3[illegible]	4[illegible]	4[illegible]
TOTAL	[illegible]	1023	992	1023	1011	1[illegible]	1[illegible]	1[illegible]

THE LEAST VALUE OF -15 OCCURRED ON 01/15/[illegible]

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS [illegible]

[illegible] - 3 - [illegible]

A

[illegible] TEMPERATURES IN FAHRENHEIT
[illegible] SUMMARY OF DRY DATA

[illegible] PERIOD OF RECORD: [illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	43	47	43	32	23	11	-2	-16
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12135

[illegible] 01/15/87

[illegible] DATA AVAILABLE [illegible]

[illegible] - 3 - 2[illegible]

B

OPERATIONS LOCATION MAP

USAETAC, ASHEVILLE, NC

STATION NUMBER: [illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
67	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
75		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

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[illegible]	[illegible]	JUL	[illegible]	[illegible]	OCT	[illegible]	[illegible]	ANNUAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	43	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47
[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	41	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7	[illegible]	[illegible]	[illegible]	51	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	41	[illegible]	[illegible]
[illegible]	[illegible]	71	67	61	51	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33	[illegible]
[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]							[illegible]

OPERATING LOCATION [illegible]
[illegible]

STATION [illegible] DATE [illegible]
[illegible]

YEAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE : [illegible] VALUE IS [illegible]

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[illegible]

[illegible]

MONTHS: ALL HOURS: ALL

[illegible]	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] THE DATA AVAILABLE FOR THE MONTH

B

OPERATING LOCATION MAP — DAY [illegible] TEMPERATURE SUMMARY

USAFETAC, ASHEVILLE NC — [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible] — [illegible]

LST TO UTC: [illegible] — [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	21.[illegible]	10.[illegible]	93[illegible]	[illegible]	[illegible]
03-05	20.7	11.[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	11.1[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	10.[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	10.[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	24.1	10.[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	10.1[illegible]	[illegible]	[illegible]	[illegible]
06-08	23.[illegible]	10.1[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	32.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	33.1	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	27.3	[illegible]	5722	[illegible]	4476

[illegible]

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[illegible] TEMPERATURE SUMMARY
[illegible] HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE [illegible]	GE [illegible]	HOURS
[illegible]	753	0	0	0	[illegible]
[illegible]7	770	0	0	0	[illegible]
[illegible]7	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	1	0	0	[illegible]
1	[illegible]7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	72[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MONTH: FEB

4	[illegible]	0	0	0	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]7[illegible]	[illegible]	0	0	[illegible]
0	[illegible]54	0	0	0	[illegible]
[illegible]	[illegible]	1	0	0	[illegible]
0	3[illegible]	1	0	0	[illegible]
[illegible]	[illegible]3[illegible]	0	0	0	[illegible]
[illegible]	[illegible]	0	[illegible]	0	[illegible]
15	4476	2	0	0	6732

- [illegible] - 1 - 1

B

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	31.[illegible]	9.035	[illegible]	[illegible]	[illegible]
03-05	30.[illegible]	9.464	[illegible]	[illegible]	[illegible]
06-[illegible]	31.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	36.[illegible]	10.377	[illegible]	[illegible]	[illegible]
12-14	40.[illegible]	9.915	[illegible]	[illegible]	[illegible]
15-17	43.4	[illegible]	[illegible]	[illegible]	[illegible]
18-20	36.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	34.1	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	35.2	10.[illegible]	7449	[illegible]	[illegible]

00-02	41.7	6.5[illegible]	[illegible]	[illegible]	[illegible]
03-[illegible]	43.3	[illegible]	[illegible]	[illegible]	[illegible]
06-[illegible]	42.4	[illegible]	[illegible]	[illegible]	[illegible]
09-11	45.[illegible]	7.833	[illegible]	[illegible]	[illegible]
12-14	51.3	8.757	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	46.[illegible]	7.517	[illegible]	[illegible]	[illegible]
21-23	44.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	45.3	8.4[illegible]	7139	[illegible]	[illegible]

A

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE [illegible]	GE [illegible]	GE [illegible]	TOTAL HOURS
0	446	3	0	0	45[illegible]
0	223	3	0	0	[illegible]
0	430	2	0	0	[illegible]
[illegible]	[illegible]	1[illegible]	0	0	[illegible]
0	1[illegible]	2[illegible]	0	0	[illegible]
0	1[illegible]	[illegible]	0	0	[illegible]
0	[illegible]	[illegible]	0		[illegible]
0	[illegible]	[illegible]	0	0	[illegible]
0	[illegible]	[illegible]	0	0	744

MONTH: [illegible]

0	[illegible]	2	0	0	[illegible]
0	1[illegible]	0	0	0	[illegible]
0	47	0	0	0	[illegible]
0	13	[illegible]	0	0	[illegible]
0	1[illegible]	73	2	0	[illegible]
0	7	[illegible]	4	0	[illegible]
0	[illegible]	[illegible]	0	0	[illegible]
0	[illegible]	11	0	0	[illegible]
0	[illegible]	1[illegible]4	0	0	7[illegible]

6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

DRY BULB TEMPERATURE SUMMARY
[illegible] JULY [illegible]

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	51.5	7.053	933	[illegible]	[illegible]
03-05	49.[illegible]	7.025	933	[illegible]	1
06-08	53.[illegible]	7.134	933	[illegible]	[illegible]
09-11	53.[illegible]	[illegible]	933	[illegible]	[illegible]
12-14	52.	7.640	933	[illegible]	[illegible]
15-17	51.7	[illegible]	933	[illegible]	[illegible]
18-20	57.5	6.4[illegible]	933	[illegible]	[illegible]
21-23	54.[illegible]	7.333	933	[illegible]	[illegible]
ALL HOURS	53.6	7.[illegible]	7933	[illegible]	1

[illegible]

00-02	59.[illegible]	6.412	933	[illegible]	[illegible]
03-05	57.[illegible]	6.1[illegible]	933	[illegible]	[illegible]
06-08	61.[illegible]	6.775	933	[illegible]	[illegible]
09-11	68.1	6.447	933	[illegible]	[illegible]
12-14	71.1	5.733	933	[illegible]	[illegible]
15-17	70.[illegible]	5.5[illegible]	933	[illegible]	[illegible]
18-20	65.	5.244	933	[illegible]	[illegible]
21-23	61.[illegible]	6.344	933	[illegible]	[illegible]
ALL HOURS	64.2	6.359	7195	[illegible]	[illegible]

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[illegible] TEMPERATURE SUMMARY
[illegible] STATIONS

PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]

MONTH: MAY

NUMBER OF HOURS WITH TEMPERATURES OF [illegible] F					TOTAL
LE 0	LE 32	GE 55	GE [illegible]	GE 98	HOURS
0	0	52	0	0	[illegible]
0	1	33	0	0	[illegible]
[illegible]	[illegible]	[illegible]	1	0	[illegible]
[illegible]	[illegible]	27[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]1	[illegible]	0	[illegible]
[illegible]	0	[illegible]	[illegible]	0	[illegible]
0	[illegible]	1[illegible]7	1[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1[illegible]	[illegible]	0	[illegible]
	1	13[illegible]	1[illegible]	[illegible]	74[illegible]

MONTH: JU[illegible]

LE 0	LE 32	GE 55	GE [illegible]	GE 98	TOTAL HOURS
[illegible]	[illegible]	17[illegible]	1	0	[illegible]
[illegible]	0	11[illegible]	[illegible]	0	[illegible]
[illegible]	0	27[illegible]	[illegible]	[illegible]	[illegible]
0	0	[illegible]97	[illegible]	0	[illegible]
0	0	[illegible]	159	7	[illegible]
0	0	[illegible]4[illegible]	2[illegible]	[illegible]	[illegible]
0	0	432	31	[illegible]	[illegible]
0	0	2[illegible]	4	0	[illegible]7
0	0	5253	510	12	71[illegible]

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	68.5	5.431	249	[illegible]	[illegible]
03-05	68.[illegible]	5.4[illegible]	[illegible]	[illegible]	[illegible]
06-[illegible]	67.4	5.[illegible]	[illegible]	[illegible]	[illegible]
09-11	74.[illegible]	5.[illegible]	[illegible]	[illegible]	[illegible]
12-14	77.[illegible]	7.102	[illegible]	[illegible]	[illegible]
15-17	77.5	7.[illegible]	[illegible]	[illegible]	[illegible]
18-20	72.[illegible]	5.[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible].1	7.[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	71.[illegible]	[illegible]	7440	[illegible]	[illegible]

[illegible]

00-02	63.[illegible]	6.[illegible]	[illegible]	[illegible]	[illegible]
03-05	62.2	5.[illegible]	[illegible]	[illegible]	[illegible]
06-08	64.	6.[illegible]	[illegible]	[illegible]	[illegible]
09-11	72.1	5.[illegible]	[illegible]	[illegible]	[illegible]
12-14	75.[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]
15-17	74.7	7.63	[illegible]	[illegible]	[illegible]
18-20	69.5	6.536	[illegible]	[illegible]	[illegible]
21-23	65.[illegible]	6.24[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	68.6	6.372	7440	[illegible]	[illegible]

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  ( [illegible] TEMPERATURE SUMMARY
    [illegible] JULY [illegible]

                              PERIOD OF RECORD:  JUL 7[illegible] - JUN [illegible]
                              MONTH: JUL
..............................................................
          MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F    TOTAL
              [illegible]  [illegible]  [illegible]  [illegible]  [illegible]   [illegible]
..............................................................
                   0         0        55[illegible]     [illegible]       0      [illegible]

                             0        4[illegible]      0          0      [illegible]

                   0         0        [illegible]       0          0      [illegible]

                   0         0        [illegible]7[illegible]  [illegible]7    0   [illegible]

                   0         0        [illegible]7     44[illegible]    1[illegible]   [illegible]

                   0         0        [illegible]      [illegible]      1[illegible]   [illegible]

                   0         0        [illegible]      1[illegible]      [illegible]   [illegible]

                             0        [illegible]      [illegible]      0      [illegible]

                   0         0        [illegible]      122       [illegible]   [illegible]
..............................................................

                         [illegible]TH: [illegible]
..............................................................
                   0         0        [illegible]      [illegible]      0      [illegible]

                   0         0        [illegible]7[illegible]  0       0      [illegible]

                   0         0        4[illegible]      7          0      [illegible]

                   0         0        7[illegible]      14[illegible]     0      [illegible]

                   0         0        [illegible]1      [illegible]01     [illegible]   [illegible]

                   0         0        [illegible]      [illegible]      11     [illegible]

                   0         0        714      [illegible]5       0      [illegible]

                   0         0        [illegible]      2[illegible]      0      [illegible]

                   0         0        [illegible]      [illegible]26     1[illegible]   744[illegible]
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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

DRY BULB TEMPERATURE [illegible]
[illegible] JULY [illegible]

STATION NUMBER: 723255 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	56.7	7.551	930	[illegible]	[illegible]
03-05	55.[illegible]	7.324	930	[illegible]	[illegible]
06-08	55.[illegible]	7.[illegible]	930	[illegible]	[illegible]
09-11	54.[illegible]	7.421	960	[illegible]	[illegible]
12-14	52.[illegible]	7.027	930	[illegible]	[illegible]
15-17	57.7	7.1[illegible]7	930	[illegible]	[illegible]
18-20	61.[illegible]	7.430	930	[illegible]	[illegible]
21-23	58.7	7.252	930	[illegible]	[illegible]
ALL HOURS	61.2	7.125	7294	[illegible]	[illegible]

					[illegible]
00-02	46.[illegible]	5.251	930	[illegible]	[illegible]
03-05	45.[illegible]	[illegible].451	930	[illegible]	[illegible]
06-08	45.[illegible]	5.331	930	[illegible]	[illegible]
09-11	52.[illegible]	7.7[illegible]	930	[illegible]	[illegible]
12-14	55.[illegible]	7.344	930	[illegible]	[illegible]
15-17	55.2	7.[illegible]11	930	[illegible]	[illegible]
18-20	50.[illegible]	7.472	930	[illegible]	[illegible]
21-23	47.7	7.[illegible]	930	[illegible]	[illegible]
ALL HOURS	50.[illegible]	9.121	7440	[illegible]	[illegible]

[illegible] TEMPERATURE SUMMARY
[illegible] DAILY OBSERVATIONS

[illegible] PERIOD: JUL [illegible] - JUL [illegible]
MONTH: [illegible]

[illegible] NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	0	145	0	0	[illegible]
0	0	133	0	0	[illegible]
0	0	155	0	0	[illegible]
0	0	424	[illegible]	0	[illegible]
0	0	514	[illegible]	0	[illegible]
0	0	543	[illegible]	0	[illegible]
0	0	[illegible]	11	0	[illegible]
[illegible]	0	296	1	0	[illegible]
0	[illegible]	[illegible]	[illegible]	0	[illegible]
	MONTH: OCT				
0	[illegible]	11	0	0	[illegible]
0	[illegible]	10	0	0	[illegible]
0	[illegible]	11	0	0	[illegible]
0	0	[illegible]	0	0	[illegible]
0	0	160	4	0	[illegible]
0	0	119	1	0	[illegible]
0	0	40	0	0	[illegible]
0	0	[illegible]	0	0	[illegible]
0	132	[illegible]	5	0	[illegible]

OPERATING [illegible] "A"
USAF [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LOCATION: [illegible]

HOURS LST	[illegible]	[illegible] VISIBILITY	TOTAL OBS	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
09-11	45.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	47.[illegible]	[illegible]	[illegible]		[illegible]
15-17	[illegible]	[illegible]	[illegible]		[illegible]
18-20	[illegible]	[illegible]	[illegible]		[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

00-02	29.[illegible]	10.453	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-[illegible]	27.[illegible]	[illegible]	[illegible]	13	[illegible]
09-11	30.[illegible]	10.834	[illegible]	[illegible]	[illegible]
12-14	34.[illegible]	10.111	[illegible]	[illegible]	[illegible]
15-17	33.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	31.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	29.	10.022	[illegible]	[illegible]	[illegible]
ALL HOURS	30.6	10.530	7440	[illegible]	[illegible]

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[illegible] TEMPERATURE SUMMARY
[illegible]

                         [illegible] JUN 7[illegible] - [illegible]
                         [illegible]
..............................................................
          [illegible] HOURS WITH TEMPERATURES [illegible] TOTAL
                    [illegible]
..............................................................
          [illegible]      [illegible]      7     [illegible]     [illegible]     [illegible]
..............................................................
..............................................................
       [illegible]
..............................................................
..............................................................
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[illegible] - 1 - [illegible]

b

OPERATING CENTER [illegible]
USAFTRS, [illegible]

STATION [illegible] STATION [illegible]

HOURS LST	[illegible]	STANDARD DEVIATION	TOTAL [illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

[illegible] HOUR TEMPERATURE SUMMARY
[illegible] OF OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 72 - [illegible]
MONTH: ALL

[illegible]	NUMBER OF HOURS WITH TEMPERATURES [illegible]				TOTAL [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1402	7	[illegible]	[illegible]
[illegible]	[illegible]	1037	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1471	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

STATION NUMBER : [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	19.[illegible]	10.[illegible]11	830	[illegible]	[illegible]
03-05	19.[illegible]	10.671	[illegible]	[illegible]	[illegible]
06-[illegible]	17.[illegible]	10.[illegible]4	830	[illegible]	[illegible]
09-11	20.7	10.127	830	[illegible]	[illegible]
12-14	24.[illegible]	9.849	[illegible]	[illegible]	[illegible]
15-17	24.[illegible]	9.1[illegible]	830	[illegible]	[illegible]
18-[illegible]	23.[illegible]	9.[illegible]	830	[illegible]	[illegible]
21-23	23.[illegible]	10.1[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	21.1	10.261	7[illegible]	[illegible]	[illegible]

00-02	23.[illegible]	9.[illegible]	8[illegible]	[illegible]	[illegible]
03-05	22.1	10.[illegible]8	[illegible]	[illegible]	[illegible]
06-[illegible]	21.[illegible]	10.[illegible]23	[illegible]	[illegible]	[illegible]
09-11	25.1	9.465	8[illegible]	[illegible]	[illegible]
12-14	2[illegible].1	8.[illegible]	[illegible]	[illegible]	7
15-17	2[illegible].3	8.[illegible]5	[illegible]	[illegible]	[illegible]
18-20	25.[illegible]	8.675	[illegible]	[illegible]	[illegible]
21-23	24.5	9.302	849	[illegible]	[illegible]
ALL HOURS	24.[illegible]	9.562	6791	[illegible]	33

A

[illegible] TEMPERATURE SUMMARY
[illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]

MONTH: JAN

MEAN MONTHLY [illegible]	NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
[illegible]	[illegible]	[illegible] 67	68 73	74 [illegible]	
[illegible]17	3	0	0	0	[illegible]
[illegible]29	3	0	0	0	[illegible]
[illegible]45	2	0	0	0	[illegible]
[illegible]	2	0	0	0	[illegible]
7[illegible]3	2	0	0	0	[illegible]
7[illegible]3	1	0	0	0	[illegible]
7[illegible]1	0	0	0	0	[illegible]
7[illegible]4	1	0	0	0	[illegible]
[illegible]	1[illegible]	0	0	0	7[illegible]

MONTH: FEB

[illegible]	0	0	0	0	[illegible]
[illegible]	0	0	0	0	[illegible]
711	0	0	0	0	[illegible]
652	0	0	0	0	[illegible]
[illegible]7	7	0	0	0	[illegible]
[illegible]7	0	0	0	0	[illegible]
[illegible]5	0	0	0	0	[illegible]
[illegible]	0	0	0	0	[illegible]
5279	33	0	0	0	[illegible]791

[illegible] - 5 - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

JET FUEL TEMPERATURE SUMMARY
[illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	27.[illegible]	[illegible]	[illegible]	[illegible]	
06-[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

00-02	[illegible]	[illegible]	[illegible]	177	[illegible]
03-05	37.1	[illegible]	[illegible]	[illegible]	[illegible]
06-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	42.1	7.011	[illegible]	[illegible]	137
12-14	43.7	7.1[illegible]	[illegible]	[illegible]	[illegible]
15-17	43.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	41.4	6.745	[illegible]	[illegible]	[illegible]
21-23	[illegible]	6.774	[illegible]	[illegible]	[illegible]
ALL HOURS	40.6	7.245	71[illegible]	[illegible]	[illegible]

A

[illegible] HOURLY TEMPERATURES

PERIOD OF RECORD: JUL 77 - JUN [illegible]

MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 32	GE 67	GE 75	GE 90	HOURS
[illegible]	12	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	13	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	24	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]

MONTH: APR

177	[illegible]	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	45	0	0	0	[illegible]
[illegible]	137	0	0	0	[illegible]
[illegible]	171	0	0	0	[illegible]
[illegible]	152	0	0	0	[illegible]
[illegible]	103	0	0	0	[illegible]
123	[illegible]	0	0	0	[illegible]
[illegible]	415	0	0	0	7135

[illegible] - 2 - 2

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

[illegible] TEMPERATURE SUMMARY
[illegible] JULY [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	44.1	6.993	930	[illegible]	[illegible]
03-05	47.0	7.107	930	11	814
06-08	48.[illegible]	7.[illegible]	930	4	457
09-11	52.[illegible]	7.333	930	[illegible]	[illegible]
12-14	53.[illegible]	7.440	930	[illegible]	143
15-17	53.1	7.374	930	[illegible]	7
18-20	51.1	7.164	930	[illegible]	[illegible]
21-23	49.[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	7.[illegible]	7437	[illegible]	[illegible]

[illegible]

00-02	55.[illegible]	6.057	[illegible]	[illegible]	7[illegible]
03-05	54.4	6.[illegible]	[illegible]	[illegible]	[illegible]
06-08	56.[illegible]	6.111	[illegible]	[illegible]	[illegible]
09-11	59.[illegible]	6.557	[illegible]	[illegible]	[illegible]
12-14	60.[illegible]	6.641	[illegible]	[illegible]	[illegible]
15-17	60.[illegible]	6.[illegible]	[illegible]	[illegible]	575
18-20	58.7	6.[illegible]	[illegible]	[illegible]	341
21-23	56.[illegible]	6.367	697	[illegible]	714
ALL HOURS	58.[illegible]	6.659	7195	[illegible]	[illegible]

[illegible] - [illegible] - [illegible] - [illegible]

A

[illegible]CT COLD TEMPERATURE SUMMARY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: MAY

[illegible]	NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
	LE 32	33	60	GE 73	GE 90	HOURS
	[illegible]	373	2	[illegible]	0	[illegible]
	11	31[illegible]	[illegible]	0	[illegible]	[illegible]
	4	4[illegible]7	[illegible]	1	[illegible]	[illegible]
	[illegible]	[illegible]	37	7	[illegible]	[illegible]
	[illegible]	542	55	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]7	4[illegible]	1	[illegible]	[illegible]
	[illegible]	4[illegible]	1[illegible]	1	[illegible]	[illegible]
	[illegible]	4[illegible]	1[illegible]	0	[illegible]	[illegible]
	[illegible]	[illegible]	174	1[illegible]	[illegible]	[illegible]
		MONTH: JUN				
	[illegible]	7[illegible]	3[illegible]	4	[illegible]	[illegible]
	[illegible]	7[illegible]3	1[illegible]	3	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]1	4	[illegible]	[illegible]
	[illegible]	[illegible]	1[illegible]1	23	[illegible]	[illegible]
	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]75	17[illegible]	39	1	[illegible]
	[illegible]	3[illegible]1	1[illegible]1	11	[illegible]	[illegible]
	[illegible]	7[illegible]4	[illegible]3	[illegible]	[illegible]	[illegible]
	0	6[illegible]	413	13[illegible]	3	71[illegible]

[illegible] - [illegible] - [illegible] - [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72306 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	62.2	5.611	930	[illegible]	[illegible]
03-05	61.1	5.793	930	[illegible]	[illegible]
06-08	63.3	5.366	920	[illegible]	[illegible]
09-11	66.7	5.[illegible]	920	[illegible]	[illegible]
12-14	67.7	5.727	930	[illegible]	[illegible]
15-17	67.3	[illegible]	930	[illegible]	[illegible]
18-20	66.6	5.472	930	[illegible]	[illegible]
21-23	63.6	5.3[illegible]4	930	[illegible]	[illegible]
ALL HOURS	64.7	5.[illegible]	7437	[illegible]	[illegible]

00-02	60.	5.41[illegible]	930	[illegible]	[illegible]
03-05	59.7	5.751	930	[illegible]	[illegible]
06-08	61.3	5.556	[illegible]	[illegible]	[illegible]
09-11	65.1	5.4[illegible]	920	[illegible]	920
12-14	66.1	5.532	930	[illegible]	[illegible]
15-17	65.6	5.248	930	[illegible]	920
18-20	63.6	5.120	930	[illegible]	917
21-23	61.9	5.277	930	[illegible]	[illegible]
ALL HOURS	63.3	5.525	7433	[illegible]	7249

[illegible] - 5 - 2 - 4

A

[illegible] JUL TEMPERATURE SUMMARY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
[illegible]	[illegible]	32-57	58-73	74-[illegible]	HOURS
0	[illegible]	217	21	0	[illegible]
0	[illegible]	137	5	0	[illegible]
0	[illegible]	[illegible]	33	0	[illegible]
0	[illegible]	471	151	2	[illegible]
0	[illegible]	[illegible]	257	15	[illegible]
0	[illegible]	[illegible]	[illegible]	0	[illegible]
0	[illegible]	[illegible]	153	0	[illegible]
0	[illegible]	271	43	0	[illegible]
0	[illegible]	2331	[illegible]	[illegible]	[illegible]
MONTH: [illegible]					
0	[illegible]	[illegible]	28	0	[illegible]
0	[illegible]	152	14	0	[illegible]
0	[illegible]	213	35	0	[illegible]
0	[illegible]	492	125	0	[illegible]
0	[illegible]	[illegible]	178	17	[illegible]
0	[illegible]	421	147	0	[illegible]
0	917	313	71	0	[illegible]
0	[illegible]	239	34	0	[illegible]
0	7244	2337	523	15	7439

[illegible] - 5 - 2 - 4

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72[illegible]
STATION NAME: [illegible]
LST TO UTC: +5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	53.8	7.563	930	[illegible]	[illegible]
03-05	52.3	7.321	930	[illegible]	[illegible]
06-08	53.4	7.253	930	[illegible]	[illegible]
09-11	56.1	7.130	930	[illegible]	[illegible]
12-14	59.7	7.042	930	[illegible]	[illegible]
15-17	59.1	6.957	930	[illegible]	[illegible]
18-20	[illegible]	7.124	930	[illegible]	[illegible]
21-23	[illegible]	7.289	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	7.[illegible]13	7[illegible]	[illegible]	[illegible]

[illegible]

00-02	43.1	6.549	930	[illegible]	[illegible]
03-05	42.1	[illegible]	930	[illegible]	[illegible]
06-08	42.[illegible]	6.473	[illegible]	[illegible]	[illegible]
09-11	47.[illegible]	7.443	[illegible]	[illegible]	[illegible]
12-14	49.1	7.739	930	[illegible]	[illegible]
15-17	48.[illegible]	7.639	[illegible]	7	407
18-20	45.[illegible]	7.[illegible]	[illegible]	[illegible]	31
21-23	44.1	8.177	[illegible]	[illegible]	[illegible]
ALL HOURS	45.3	8.544	7440	[illegible]	[illegible]

[illegible]

A

[illegible] TEMPERATURE SUMMARY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD: JUL 7[illegible] - JU[illegible]
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES BETWEEN					TOTAL
[illegible] 32	32 [illegible] 50	50 - 67	67 - 73	73 [illegible]	[illegible]
[illegible]	[illegible]	39	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]
[illegible]	[illegible]	125	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	43	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]
	[illegible]	[illegible]	4	[illegible]	[illegible]
	[illegible]	731	111	[illegible]	[illegible]

MONTH: OCT

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	11	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	31[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
452	2445	32	9	1	7442

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: [illegible] STATION NAME: [illegible]
EST TIME ZONE: [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	36.1	[illegible]	[illegible]	[illegible]	[illegible]
03-05	35.3	4.154	[illegible]	[illegible]	[illegible]
06-08	35.4	4.173	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	117
12-14	41.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	43.[illegible]	3.463	[illegible]	[illegible]	[illegible]
18-20	[illegible]	3.753	[illegible]	[illegible]	[illegible]
21-23	35.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	37.7	3.1[illegible]	71[illegible]	[illegible]	[illegible]

00-02	25.[illegible]	10.334	[illegible]	[illegible]	17
03-05	27.6	10.543	[illegible]	[illegible]	[illegible]
06-08	25.[illegible]	10.434	[illegible]	[illegible]	[illegible]
09-11	27.[illegible]	10.195	[illegible]	[illegible]	[illegible]
12-14	33.1	[illegible]	[illegible]	[illegible]	[illegible]
15-17	29.5	9.256	[illegible]	[illegible]	[illegible]
18-20	27.[illegible]	9.543	[illegible]	[illegible]	[illegible]
21-23	25.[illegible]	9.359	[illegible]	[illegible]	[illegible]
ALL HOURS	27.[illegible]	10.120	7449	[illegible]	143

A

[illegible] TEMPERATURE SUMMARY
[illegible] LY [illegible]

[illegible] JUL 7[illegible] - JUN [illegible]

MONTH: [illegible]

MEAN NUMBER OF HOURS WITH TEMPERATURE [illegible]					TOTAL
≤ 32	[illegible]	[illegible] 67	[illegible] 73	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	117	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71

MONTH: [illegible]

[illegible]	17	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	0	0	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	142	0	0	0	[illegible]

B

OPERATING LOCATION MAW
USATTAC, [illegible]

STATION [illegible]: 72[illegible]

HOURS LST	[illegible]	[illegible]	TOTAL [illegible]	[illegible]	[illegible]
[illegible]	41.4	15.4[illegible]	1[illegible]	[illegible]	[illegible]
03-05	[illegible]	15.[illegible]	1[illegible]	[illegible]	[illegible]
06-[illegible]	41.[illegible]	17.[illegible]	1[illegible]	[illegible]	[illegible]
[illegible]-11	[illegible]	17.[illegible]	1[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]
18-[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

[illegible] HOURLY TEMPERATURE SUMMARY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: ALL

	NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
	LE 32	GE 33	GE 67	GE 73	GE 90	HOURS
	3473	3963	432	59	0	10[illegible]
	3473	3[illegible]	432	35	3	10[illegible]
	2[illegible]	4[illegible]1	667	74	[illegible]	1[illegible]
	[illegible]	4[illegible]	1[illegible]	5[illegible]	6	1[illegible]
	2[illegible]	[illegible]	141[illegible]	4[illegible]1	24	1[illegible]
	[illegible]	[illegible]	13[illegible]	401	11	1[illegible]
	[illegible]	[illegible]	44[illegible]	1[illegible]	[illegible]	1[illegible]
	[illegible]	[illegible]	[illegible]	54	3	10[illegible]
	[illegible]	[illegible]	[illegible]	1951	44	[illegible]

[illegible] - 5 - 2 - 7

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM JULY [illegible] [illegible]

STATION NUMBER: 725065 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	10.6	14.337	930	19	37
03-05	9.9	14.178	930	[illegible]	23
06-08	9.5	14.[illegible]	930	7	19
09-11	11.3	14.[illegible]	930	[illegible]	2
12-14	13.1	13.966	924	775	49
15-17	13.2	14.[illegible]	930	[illegible]	[illegible]
18-20	12.4	14.138	930	7	[illegible]
21-23	11.[illegible]	14.3[illegible]	930	7[illegible]	[illegible]
ALL HOURS	11.[illegible]	14.211	7439	[illegible]	[illegible]

[illegible]

00-02	14.[illegible]	14.212	949	[illegible]	[illegible]
03-05	14.[illegible]	14.32	949	[illegible]	[illegible]
06-08	13.[illegible]	14.343	949	[illegible]	[illegible]
09-11	15.4	14.187	949	[illegible]	[illegible]
12-14	15.3	13.952	949	[illegible]	1
15-17	15.[illegible]	13.[illegible]	949	[illegible]	[illegible]
18-20	15.1	14.134	949	[illegible]	[illegible]
21-23	14.[illegible]	14.229	949	[illegible]	[illegible]
ALL HOURS	15.[illegible]	14.213	6791	[illegible]	[illegible]

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
710	27	930	0	93[illegible]
6[illegible]0	23	930	0	930
[illegible]7	15	932	0	[illegible]
7[illegible]4	[illegible]	930	0	[illegible]
775	42	929	0	929
7[illegible]2	[illegible]	93	0	[illegible]
7[illegible]	[illegible]	93[illegible]	0	93[illegible]
7[illegible]4	[illegible]	93[illegible]	0	[illegible]
[illegible]1	[illegible]	7439	0	7[illegible]

[illegible]: [illegible]

[illegible]	[illegible]	2[illegible]	0	[illegible]
[illegible]	[illegible]	2[illegible]	0	[illegible]
[illegible]	61	2[illegible]	0	[illegible]
[illegible]1	[illegible]	2[illegible]	0	[illegible]
[illegible]	1	2[illegible]	0	[illegible]
[illegible]2	72	249	0	[illegible]
[illegible]	67	2[illegible]	0	2[illegible]
[illegible]	[illegible]	247	0	[illegible]
52[illegible]3	55[illegible]	57[illegible]3	0	5791

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726256 STATION NAME: PEASE AFB, NH
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS [illegible]	[illegible]
00-02	20.7	13.308	930	[illegible]	[illegible]
03-05	20.1	13.530	930	[illegible]	75
06-08	20.4	13.358	930	[illegible]	[illegible]
09-11	22.0	14.073	930	[illegible]	[illegible]
12-14	22.7	13.243	930	[illegible]	[illegible]
15-17	22.5	12.749	930	[illegible]	[illegible]
18-20	22.2	12.797	930	[illegible]	47
21-23	21.9	12.977	930	[illegible]	[illegible]
ALL HOURS	21.5	13.337	7440	[illegible]	[illegible]

					[illegible]
00-02	32.9	9.713	900	[illegible]	319
03-05	32.1	9.737	900	[illegible]	331
06-08	32.6	10.066	900	[illegible]	[illegible]
09-11	33.3	11.160	900	[illegible]	351
12-14	33.5	11.104	899	247	345
15-17	33.7	10.905	899	[illegible]	335
18-20	33.7	10.585	900	236	371
21-23	33.5	10.161	900	[illegible]	375
ALL HOURS	33.3	10.473	7193	1074	2325

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
[illegible]	[illegible]	930	0	930
507	75	930	0	930
[illegible]	[illegible]	930	0	930
[illegible]	129	930	0	930
594	129	930	0	930
[illegible]	115	930	0	930
[illegible]	47	929	0	930
572	93	925	0	[illegible]
[illegible]	[illegible]	7437	0	7440

MONTH: APR

244	317	[illegible]	0	[illegible]
273	301	[illegible]	0	[illegible]
[illegible]	324	345	0	[illegible]
239	351	[illegible]	0	[illegible]
247	365	377	0	[illegible]
[illegible]	365	[illegible]	0	[illegible]
236	371	391	0	[illegible]
229	375	439	0	[illegible]
1974	2335	7115	0	7140

OPERATING LOCATION NAM DEW POINT TEMPERATURE SUMMARY
USAFETAC, ASH-VILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726355 STATION NAME: [illegible]
LST TO UTC: + 5 MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS [illegible]	[illegible]
00-02	44.5	3.765	930	[illegible]	[illegible]
03-05	43.3	3.915	930	[illegible]	727
06-08	45.2	9.203	930	[illegible]	[illegible]
09-11	45.5	10.293	930	[illegible]	[illegible]
12-14	45.5	10.593	930	[illegible]	[illegible]
15-17	44.9	10.554	929	[illegible]	[illegible]
18-20	44.[illegible]	10.[illegible]	930	[illegible]	[illegible]
21-23	45.[illegible]	9.513	930	[illegible]	[illegible]
ALL HOURS	44.3	9.[illegible]	7439	[illegible]	[illegible]

[illegible]:

00-02	52.7	5.952	900	[illegible]	[illegible]
03-05	52.1	5.[illegible]	900	[illegible]	[illegible]
06-08	53.4	7.192	900	[illegible]	[illegible]
09-11	53.[illegible]	8.423	900	[illegible]	[illegible]
12-14	53.[illegible]	8.558	900	[illegible]	[illegible]
15-17	53.4	8.252	900	[illegible]	[illegible]
18-20	53.4	7.945	900	[illegible]	[illegible]
21-23	53.2	7.261	897	[illegible]	[illegible]
ALL HOURS	53.2	7.752	7195	[illegible]	[illegible]

A

[illegible] POINT TEMPERATURE SUMMARY
[illegible] STUDY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: MAY

	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F			TOTAL
	LE 32	GE 33 LE 55	GE 65	HOURS
	[illegible]	793	933	7	[illegible]
	[illegible]	727	927	[illegible]	[illegible]
	[illegible]	766	933	13	[illegible]
	[illegible]	745	754	[illegible]	[illegible]
	43	732	767	27	[illegible]
	[illegible]	721	775	17	[illegible]
	48	737	732	15	[illegible]
	[illegible]	754	32	[illegible]	[illegible]
	[illegible]	[illegible]	6323	113	7420

MONTH: JUN

	[illegible]	[illegible]	39	[illegible]
	[illegible]	613	23	[illegible]
	[illegible]	645	49	[illegible]
	73	604	52	[illegible]
	74	632	39	[illegible]
	[illegible]	[illegible]	74	[illegible]
	74	634	71	[illegible]
	[illegible]	560	43	[illegible]
	[illegible]	4403	474	7135

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PHASE AFB, AZ
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LE 27	MEAN NUMBER OF HOURS GE 37
00-02	59.9	6.791	930	0	[illegible]
03-05	59.2	6.805	930	0	927
06-08	59.5	6.712	924	0	[illegible]
09-11	61.7	7.557	929	0	[illegible]
12-14	61.3	8.135	930	0	[illegible]
15-17	61.1	7.755	930	0	[illegible]
18-20	61.1	7.424	930	0	[illegible]
21-23	59.5	6.983	930	0	[illegible]
ALL HOURS	60.7	7.392	7437	0	[illegible]

00-02	57.	7.393	930	0	930
03-05	57.9	7.514	930	0	930
06-08	57.0	7.633	930	0	[illegible]
09-11	59.5	8.168	929	0	927
12-14	60.2	8.697	930	0	924
15-17	59.8	8.538	930	0	[illegible]
18-20	59.7	7.794	930	0	927
21-23	59.8	7.316	930	0	930
ALL HOURS	59.4	7.954	7439	0	7429

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL 83
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
0	939	212	251	[illegible]
0	927	253	231	930
0	926	146	272	[illegible]
0	929	140	353	[illegible]
0	929	221	370	[illegible]
0	929	222	345	[illegible]
0	929	197	336	[illegible]
0	929	193	292	[illegible]
0	7430	1929	2444	7437

MONTH: AUG

0	930	293	225	[illegible]
0	930	354	135	[illegible]
0	[illegible]	295	245	[illegible]
0	927	254	339	[illegible]
0	924	279	323	[illegible]
0	925	287	300	[illegible]
0	927	245	257	[illegible]
0	930	294	254	[illegible]
0	7425	2313	2107	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
[illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN [illegible]	[illegible]
00-02	51.0	3.534	900	[illegible]	[illegible]
03-05	49.3	3.960	900	[illegible]	[illegible]
06-08	50.6	3.991	900	[illegible]	[illegible]
09-11	52.0	3.236	900	[illegible]	[illegible]
12-14	52.7	3.522	900	[illegible]	[illegible]
15-17	52.5	3.216	900	[illegible]	[illegible]
18-20	53.4	3.363	900	[illegible]	[illegible]
21-23	51.[illegible]	[illegible]	900	[illegible]	[illegible]
ALL HOURS	51.7	3.555	7200	[illegible]	[illegible]

[illegible]

00-02	32.[illegible]	10.544	900	140	941
03-05	33.4	10.652	900	141	[illegible]
06-08	35.7	10.534	900	[illegible]	[illegible]
09-11	40.[illegible]	11.052	900	141	[illegible]
12-14	43.5	11.247	900	141	573
15-17	43.4	11.322	900	[illegible]	[illegible]
18-20	40.5	10.673	900	134	[illegible]
21-23	33.7	10.400	900	[illegible]	[illegible]
ALL HOURS	39.5	10.232	7440	[illegible]	4443

DEW POINT TEMPERATURE SUMMARY
FOR HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
2	535	612	46	[illegible]
4	537	547	45	[illegible]
4	547	524	55	[illegible]
5	[illegible]	554	37	[illegible]
4	554	541	104	[illegible]
4	[illegible]	534	95	[illegible]
3	[illegible]	560	33	[illegible]
3	[illegible]	533	62	[illegible]
33	5427	6433	502	[illegible]

MONTH: OCT

140	541	591	5	[illegible]
151	533	399	7	[illegible]
135	535	585	4	[illegible]
111	547	522	4	[illegible]
151	573	521	3	[illegible]
135	579	539	1	[illegible]
134	510	554	2	[illegible]
139	556	574	2	[illegible]
1047	4403	6365	30	7440

[illegible] - 5 - 3 - [illegible]

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72[illegible]
STATION NAME: [illegible]
LST TO UTC: [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	[illegible]	11.713	[illegible]	[illegible]	[illegible]
03-05	32.3	11.5[illegible]	[illegible]	[illegible]	[illegible]
06-08	33.3	11.330	[illegible]	[illegible]	[illegible]
09-11	[illegible]	12.1[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	12.195	[illegible]	[illegible]	[illegible]
15-17	[illegible]	12.142	[illegible]	[illegible]	[illegible]
18-20	31.4	12.1[illegible]	[illegible]	[illegible]	[illegible]
21-23	31.[illegible]	11.[illegible]4	[illegible]	[illegible]	[illegible]
ALL HOURS	31.3	12.[illegible]4	71[illegible]	[illegible]	[illegible]

00-02	19.[illegible]	14.350	[illegible]	[illegible]	[illegible]
03-05	19.3	14.320	[illegible]	[illegible]	[illegible]
06-08	19.4	13.731	[illegible]	[illegible]	[illegible]
09-11	19.5	13.725	[illegible]	[illegible]	[illegible]
12-14	20.3	13.575	[illegible]	[illegible]	[illegible]
15-17	19.4	13.767	[illegible]	[illegible]	[illegible]
18-20	19.4	13.535	[illegible]	[illegible]	[illegible]
21-23	19.3	13.356	[illegible]	[illegible]	[illegible]
ALL HOURS	19.4	13.531	7440	[illegible]	711

A

PLANT TEMPERATURE SUMMARY
MONTHLY OBSERVATIONS

PERIOD OF STUDY: JUL 79 - JUN [illegible]
MONTH: NOV

MAN HOURS OF WORK WITH TEMPERATURES OVER				TOTAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	191	[illegible]	[illegible]
[illegible]	274	[illegible]	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71	[illegible]	[illegible]
[illegible]	321	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DATE: [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	711	7435	[illegible]	[illegible]

OPERATING LOCATION WSW
JSAFFIAC, [illegible]

STATION [illegible]

STATION [illegible]
LST TO UTC: + [illegible]

HOURS LST	[illegible]	STANDARD DEVIATION	TOTAL [illegible]	[illegible]	[illegible]	[illegible]
00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

POINT TEMPERATURE SUMMARY
HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN
MONTH: ALL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LT 37	GE 37	LT 55	GE 55	TOTAL HOURS
[illegible]	[illegible]	[illegible]57	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]11	[illegible]	[illegible]
[illegible]	[illegible]	75[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]7	[illegible]	[illegible]14	[illegible]34	[illegible]
[illegible]	[illegible]	[illegible]	774	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

- 4 - 3 - 7

B

OPERATING LOCATION: WAW CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

00-02	100.0	100.0	96.1	[illegible]	93.1	[illegible]	37.5	[illegible]
03-05	100.0	100.0	[illegible]	[illegible]	73.7	[illegible]	[illegible]	[illegible]
06-08	100.0	100.0	[illegible]	[illegible]	73.2	[illegible]	[illegible]	[illegible]
09-11	100.0	[illegible]	83.5	78.9	[illegible]	[illegible]	[illegible]	17.9
12-14	100.0	97.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	100.0	[illegible]	93.4	[illegible]	43.5	[illegible]	[illegible]	[illegible]
18-20	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	100.0	[illegible]	94.5	82.1	[illegible]	[illegible]	33.1	[illegible]
ALL HOURS	100.0	99.1	92.7	77.3	[illegible]	43.7	31.[illegible]	[illegible]

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
[illegible] DAILY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JAN

[illegible]	7	[illegible]	[illegible]	MEAN	TOTAL OBS
[illegible]	32.[illegible]	1[illegible].4	[illegible].3	[illegible].[illegible]	[illegible]
[illegible]	33.[illegible]	1[illegible].7	7.5	61.3	[illegible]
[illegible]	31.[illegible]	1[illegible].4	[illegible].7	61.[illegible]	[illegible]
[illegible]	[illegible]	11.3	[illegible]	[illegible]	[illegible]
[illegible]	30.[illegible]	11.[illegible]	[illegible].1	51.[illegible]	[illegible]
[illegible]	[illegible]	11.[illegible]	[illegible]	51.[illegible]	[illegible]
[illegible]	[illegible].7	1[illegible].1	[illegible].7	[illegible]	[illegible]
[illegible]	[illegible]	1[illegible].5	[illegible].4	[illegible]	[illegible]
[illegible]	37.[illegible]	1[illegible].[illegible]	[illegible].7	[illegible]	7-[illegible]

MONTH: [illegible]

[illegible]	37.[illegible]	[illegible]	[illegible]	62.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1[illegible].5	[illegible]	[illegible]
[illegible]	[illegible]	1[illegible].1	1[illegible].7	[illegible]	[illegible]
[illegible]	[illegible].3	17.[illegible]	[illegible].3	57.1	[illegible]
[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].7	1[illegible].7	[illegible]	51.[illegible]	[illegible]
[illegible]	33.1	1[illegible].[illegible]	[illegible].[illegible]	66.[illegible]	[illegible]
[illegible]	33.1	21.7	1[illegible].7	[illegible]	[illegible]
[illegible].7	31.[illegible]	20.6	[illegible].1	59.5	5791

OPERATING LOCATION "A" CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE, NC FOR ALL HOURS OF ALL DAYS

STATION NUMBER: 725055 STATION NAME: PLAST AB, NM
LST TO UTC: + 5

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 100%	90%	80%	70%	60%	50%	40%	30%	[illegible]
00-02	100.0	99.5	96.5	84.3	71.1	57.0	49.5	36.[illegible]	
03-05	100.0	100.0	96.3	88.3	74.3	58.2	42.4	27.4	1
06-08	100.0	100.0	95.0	83.2	75.0	58.3	42.0	[illegible]	
09-11	100.0	98.6	87.3	72.3	55.0	42.3	30.3	[illegible]	
12-14	100.0	96.6	79.2	61.4	44.1	33.4	23.4	14.[illegible]	
15-17	100.0	94.1	79.5	65.4	49.0	34.0	23.[illegible]	[illegible]	
18-20	100.0	98.7	87.5	72.2	[illegible]	49.[illegible]	[illegible]	17.[illegible]	
21-23	100.0	99.[illegible]	93.7	81.[illegible]	65.3	55.4	37.[illegible]	24.[illegible]	
ALL HOURS	100.0	99.4	93.9	79.9	62.7	[illegible]	[illegible]	[illegible]	

00-02	100.0	100.0	99.2	95.2	85.2	74.5	63.9	[illegible]	1
03-05	100.0	100.0	99.[illegible]	95.[illegible]	87.7	77.[illegible]	62.7	41.[illegible]	
06-08	100.0	100.0	98.5	91.9	81.9	65.5	53.5	45.1	1
09-11	100.0	99.5	90.9	75.5	59.4	47.1	34.5	23.3	1
12-14	100.0	97.6	85.3	67.4	52.6	41.[illegible]	33.[illegible]	5.1	
15-17	100.0	97.[illegible]	85.2	70.7	54.[illegible]	43.3	34.[illegible]	23.[illegible]	
18-20	100.0	98.9	93.1	82.4	69.1	57.7	44.2	24.7	1
21-23	100.0	99.5	97.9	90.1	77.3	57.4	53.4	35.4	1
ALL HOURS	100.0	99.1	93.9	83.1	71.2	58.5	44.5	30.[illegible]	1

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: MAR

PERCENT THAN OR EQUAL TO	[illegible]	70%	[illegible]	[illegible]	MEAN	TOTAL OBS
[illegible]	57.[illegible]	49.5	24.5	9.5	53.0	[illegible]
[illegible]	[illegible]	42.4	27.3	1[illegible].[illegible]	54.[illegible]	[illegible]
[illegible]	[illegible]	42.8	[illegible]	4.[illegible]	54.4	[illegible]
[illegible]	42.[illegible]	[illegible]	1[illegible].7	[illegible]	5[illegible].1	[illegible]
[illegible]	[illegible]	35.4	1[illegible]	[illegible]	51.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	1.3	[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	7.4	[illegible]	[illegible]
[illegible]	[illegible]	37.[illegible]	[illegible]	4.7	51.[illegible]	[illegible]
[illegible]	[illegible]	35.7	[illegible]	[illegible].4	51.2	[illegible]
MONTH: [illegible]						
[illegible]	74.5	63.[illegible]	[illegible]	15.7	72.[illegible]	[illegible]
[illegible]	77.	[illegible].7	41.	1[illegible].7	73.3	[illegible]
[illegible]	[illegible]	53.3	[illegible].1	15.1	69.5	[illegible]
[illegible]	47.1	34.5	23.3	13.4	[illegible]	[illegible]
[illegible]	41.[illegible]	[illegible]	[illegible].1	[illegible].[illegible]	[illegible].1	[illegible]
[illegible]	[illegible]	34.[illegible]	[illegible]	7.5	[illegible]	[illegible]
[illegible]	[illegible].7	44.2	2[illegible].7	11.4	63.0	[illegible]
[illegible]	[illegible].4	[illegible]	[illegible].4	1[illegible].[illegible]	[illegible].7	[illegible]
[illegible]	[illegible].5	46.5	30.5	12.[illegible]	65.7	7197

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM SUPPLY [illegible] WITH

STATION NUMBER: 723[illegible]

STATION NAME: [illegible]
LST TO UTC: + 5

PERIOD OF RECORD:

HOURS LST — RELATIVE HUMIDITY DEW POINT DEPRESSION (°C)

HOURS LST	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02	100.0	100.0	[illegible]	[illegible]	94.6	[illegible]	72.7	[illegible]	[illegible]
03-05	100.0	100.0	100.0	100.0	97.7	[illegible]	[illegible]	[illegible]	[illegible]
06-08	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	100.0	[illegible]	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.7	[illegible]
21-23	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

00-02	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: MAY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL OBS
[illegible]	[illegible]	72.3	54.[illegible]	29.5	73.1	930
[illegible]	[illegible]	50.2	36.[illegible]	33.3	81.3	930
[illegible]	[illegible]	53.5	45.[illegible]	22.3	74.5	930
[illegible]	[illegible]	38.3	25.[illegible]	13.[illegible]	61.2	930
[illegible]	[illegible]	39.3	2[illegible].4	11.1	57.1	930
[illegible]	[illegible]	32.2	[illegible]	12.3	[illegible].1	[illegible]
[illegible]	[illegible]	45.2	31.7	17.[illegible]	[illegible]	930
[illegible]	75.[illegible]	61.2	[illegible]	23.3	73.5	930
[illegible]	[illegible].1	[illegible]	[illegible]	23.2	73.[illegible]	7[illegible]

MONTH: JUN

[illegible]	34.[illegible]	77.9	59.1	2[illegible].9	30.7	[illegible]
[illegible]	[illegible]	[illegible].1	[illegible]	35.[illegible]	[illegible]	[illegible]
[illegible]	[illegible].1	47.5	47.4	22.1	75.5	[illegible]
[illegible]	[illegible]	35.5	27.[illegible]	13.3	53.1	[illegible]
[illegible]	[illegible].3	39.1	2[illegible]	1[illegible]	57.3	[illegible]
[illegible]	41.[illegible]	31.[illegible]	21.1	10.7	57.4	[illegible]
[illegible]	[illegible]	44.9	3[illegible].5	14.4	47.[illegible]	[illegible]
[illegible]	[illegible]	54.3	45.7	21.9	76.[illegible]	[illegible]
[illegible]	[illegible]	35.3	33.9	18.7	76.[illegible]	71[illegible]

OPERATING LOCATION "A" — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

USAFETAC, ASHEVILLE NC — [illegible]

STATION NUMBER: [illegible] — STATION NAME: [illegible]

LST TO UTC: + 5 — [illegible]

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO [illegible]								
	100	2[illegible]	3[illegible]	4[illegible]	5[illegible]	6[illegible]	7[illegible]	[illegible]	[illegible]
00-02	100.0	100.0	100.0	100.0	99.4	95.7	[illegible]	[illegible]	[illegible]
03-05	100.0	100.0	100.0	100.0	99.7	[illegible]	91.6	79.[illegible]	[illegible]
06-08	100.0	100.0	100.0	100.0	[illegible]	92.[illegible]	7[illegible].1	[illegible]	[illegible]
09-11	100.0	100.0	99.[illegible]	98.2	91.1	[illegible]	3[illegible]	21.[illegible]	[illegible]
12-14	100.0	100.0	99.0	95.7	64.4	45.1	[illegible]	[illegible]	[illegible]
15-17	100.0	100.0	[illegible]	[illegible]	47.[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]
18-20	100.0	100.0	99.7	95.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	100.0	100.0	100.0	[illegible]	97.3	[illegible]	71.[illegible]	[illegible]	97.
ALL HOURS	100.0	100.0	99.7	95.5	[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

00-02	100.0	100.0	100.0	[illegible]	89.7	[illegible]	93.4	74.1	[illegible]
03-05	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	87.2	[illegible]	[illegible]
09-11	100.0	100.0	100.0	[illegible]	[illegible]	71.4	[illegible]	24.1	[illegible]
12-14	100.0	[illegible]	99.0	91.9	74.7	[illegible]	36.1	[illegible]	[illegible]
15-17	100.0	[illegible]	98.7	91.[illegible]	75.3	[illegible]	31.9	15.7	[illegible]
18-20	100.0	100.0	99.7	97.7	[illegible]	[illegible]	[illegible]	31.4	[illegible]
21-23	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	100.0	99.9	99.7	97.4	91.1	[illegible]	[illegible]	[illegible]	[illegible]

A

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FOR ANNUAL OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: JUL

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MEAN	TOTAL OBS
[illegible]	81.7	[illegible]	[illegible]	35.9	62.7	[illegible]
[illegible]	[illegible]	91.6	76.2	42.4	[illegible]	[illegible]
[illegible]	[illegible]	76.1	[illegible]	[illegible]	73.7	[illegible]
[illegible]	[illegible]	33.2	21.5	13.1	55.4	[illegible]
[illegible]	44.1	25.4	12.2	5.3	52.2	930
[illegible]	47.5	33.5	14.5	[illegible]	53.6	330
[illegible]	[illegible]	41.2	21.2	1[illegible]	54.5	[illegible]
[illegible]	[illegible]	71.[illegible]	44.[illegible]	27.2	77.[illegible]	[illegible]
[illegible]	74.[illegible]	[illegible]	[illegible]	21.4	77.[illegible]	7437

MONTH: AUG

[illegible]	[illegible]	22.8	74.1	36.[illegible]	84.3	[illegible]
[illegible]	[illegible]	74.[illegible]	[illegible]	42.5	[illegible]	[illegible]
[illegible]	[illegible]	47.2	35.5	20.7	[illegible]	[illegible]
[illegible]	71.[illegible]	46.[illegible]	24.1	9.0	[illegible]	[illegible]
[illegible]	[illegible]	30.1	13.[illegible]	4.[illegible]	61.6	[illegible]
[illegible]	[illegible]	31.5	15.7	[illegible]	52.0	[illegible]
[illegible]	[illegible]	52.7	31.4	12.3	72.5	[illegible]
[illegible]	[illegible]	34.3	[illegible]	22.[illegible]	[illegible]	[illegible]
[illegible]	37.7	56.2	45.5	20.[illegible]	70.2	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FOR HOURLY OBSERVATIONS

STATION NUMBER: 723086 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
	100%	95%	90%	80%	70%	60%	50%	40%	30%
00-02	100.0	100.0	100.0	100.0	99.6	96.7	87.3	[illegible]	[illegible]
03-05	100.0	100.0	100.0	100.0	99.4	97.5	[illegible]	[illegible]	[illegible]
06-08	100.0	100.0	100.0	100.0	99.4	98.4	[illegible]	[illegible]	[illegible]
09-11	100.0	100.0	100.0	96.4	87.3	[illegible]	[illegible]	[illegible]	[illegible]
12-14	100.0	100.0	99.2	72.1	53.1	46.4	[illegible]	[illegible]	[illegible]
15-17	100.0	100.0	97.4	73.2	70.0	47.7	[illegible]	[illegible]	[illegible]
18-20	100.0	100.0	99.1	99.0	42.2	41.7	[illegible]	[illegible]	[illegible]
21-23	100.0	100.0	100.0	99.0	99.0	97.5	78.2	[illegible]	[illegible]
ALL HOURS	100.0	100.0	99.8	97.0	[illegible]	77.4	[illegible]	[illegible]	[illegible]

HOURS LST									
00-02	100.0	100.0	100.0	99.4	95.5	83.5	73.9	47.7	[illegible]
03-05	100.0	100.0	100.0	99.4	95.7	83.7	74.1	[illegible]	[illegible]
06-08	100.0	100.0	100.0	99.0	95.1	85.5	71.2	47.1	[illegible]
09-11	100.0	100.0	99.6	93.2	74.4	58.7	35.2	[illegible]	11.1
12-14	100.0	100.0	97.4	72.4	55.7	37.5	23.2	15.5	[illegible]
15-17	100.0	99.[illegible]	97.7	75.5	55.4	42.9	30.0	[illegible]	[illegible]
18-20	100.0	100.0	97.2	75.7	59.6	72.7	48.5	31.4	[illegible]
21-23	100.0	100.0	100.0	95.7	82.5	84.0	62.4	41.7	17.[illegible]
ALL HOURS	100.0	100.0	99.3	94.5	83.5	70.3	53.[illegible]	34.5	15.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FOR HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: SEP

GREATER THAN OR EQUAL TO

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL OBS
[illegible]	26.7	37.3	52.2	24.0	41.5	[illegible]
[illegible]	27.5	[illegible]	[illegible]	[illegible]	33.1	[illegible]
[illegible]	[illegible]	[illegible]	53.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	44.4	24.5	[illegible]	47.5	[illegible]
[illegible]	[illegible]	[illegible]	14.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	17.5	7.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	44.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	74.2	[illegible]	14.7	[illegible]	[illegible]
[illegible]	77.[illegible]	[illegible]	41.[illegible]	15.4	[illegible]	[illegible]

MONTH: OCT

[illegible]	[illegible]	75.[illegible]	47.[illegible]	22.4	77.4	[illegible]
[illegible]	[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71.[illegible]	47.1	21.4	77.2	[illegible]
[illegible]	[illegible]	45.2	[illegible]	11.1	[illegible]	[illegible]
[illegible]	37.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	30.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	72.7	[illegible]	31.4	12.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	41.[illegible]	17.[illegible]	74.[illegible]	[illegible]
[illegible]	[illegible]	53.[illegible]	34.[illegible]	12.1	74.5	7449

B

OPERATING LOCATION "A" CUMULATIVE PERCENTAGE FREQUENCY OF [illegible]
USAFETAC, ASHEVILLE NC FOR [illegible]

STATION NUMBER: 723055 STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

HOURS LST	RELATIVE HUMIDITY [illegible]								
	100	[illegible]	80	70	60	50	40	30	[illegible]
00-02	100.0	100.0	99.4	96.1	87.0	74.[illegible]	[illegible].2	37.[illegible]	1[illegible]
03-05	100.0	100.0	99.9	96.1	91.[illegible]	77.4	[illegible].7	[illegible].1	1[illegible]
06-08	100.0	100.0	99.7	[illegible].9	91.7	77.[illegible]	7[illegible]	[illegible].7	1[illegible]
09-11	100.0	[illegible]	98.1	92.1	77.1	59.[illegible]	41.4	[illegible].3	11.
12-14	100.0	[illegible]	96.1	93.9	[illegible].4	43.[illegible]	31.[illegible]	[illegible]	[illegible].
15-17	100.0	99.7	95.3	83.7	60.7	47.[illegible]	34.[illegible]	[illegible].	[illegible].
18-20	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	45.1	[illegible]	[illegible]
21-23	100.0	100.0	99.5	97.0	[illegible]	[illegible]	51.4	[illegible]	1[illegible]
ALL HOURS	100.0	99.9	98.0	92.[illegible]	[illegible]	63.[illegible]	45.[illegible]	31.	1[illegible]

[illegible]

00-02	100.0	99.9	98.9	92.[illegible]	77.9	61.[illegible]	44.1	[illegible]	1[illegible]
03-05	100.0	100.0	99.[illegible]	94.3	[illegible]	67.[illegible]	47.[illegible]	[illegible]	1[illegible]
06-08	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]
09-11	100.0	100.0	97.6	[illegible].7	79.[illegible]	61.[illegible]	36.5	22.2	.
12-14	100.0	99.7	97.4	79.2	54.2	[illegible]	27.[illegible]	[illegible]	[illegible]
15-17	100.0	[illegible]	91.4	73.6	[illegible]	37.[illegible]	[illegible].1	1[illegible].1	7.
18-20	100.0	[illegible]	97.2	86.6	66.7	45.[illegible]	30.3	22.[illegible]	[illegible].
21-23	100.0	99.4	98.0	91.0	73.2	54.0	37.5	24.2	[illegible]
ALL HOURS	100.0	99.9	96.7	87.0	72.9	55.3	37.5	24.1	[illegible].

A

CONTINGENCY FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
[illegible] MONTHLY [illegible] STATISTICS

[illegible] PERIOD: JUL 79 - JUN [illegible]

MONTH: NOV

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL OBS
[illegible]	74.[illegible]	[illegible].2	37.3	15.[illegible]	71.3	[illegible]
[illegible]	77.4	[illegible].7	[illegible].1	15.1	72.9	[illegible]
[illegible]	77.[illegible]	7.[illegible]	[illegible].7	15.7	77.6	[illegible]
[illegible].1	[illegible]	41.4	[illegible].3	11.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31.8	[illegible].1	7.[illegible]	[illegible]	[illegible]
[illegible].7	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].1	[illegible]	1[illegible].7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	31.[illegible]	12.3	[illegible]	71[illegible]

MONTH: DEC

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.1	[illegible]	11.2	[illegible]	[illegible]
[illegible]	[illegible]	47.[illegible]	[illegible]	1[illegible].4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible].7	1[illegible].4	[illegible]	[illegible]
[illegible]	[illegible]	36.5	[illegible].2	[illegible]	52.3	[illegible]
[illegible]	[illegible]	[illegible].3	[illegible]	[illegible].7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].1	1[illegible].1	7.[illegible]	[illegible].4	[illegible]
[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	37.5	24.2	[illegible].7	53.7	[illegible]
[illegible]	[illegible].3	37.5	24.1	[illegible]	53.7	7440

OPERATING LOCATION: [illegible]
[illegible], [illegible]

CUMULATIVE [illegible]

STATION [illegible]

STATION [illegible]

HOURS LST	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
05-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
08-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
[illegible] DAILY [illegible] VARIATION

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
[illegible] HOURS ALL

[illegible] THAN OR EQUAL TO	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL OBS
[illegible]	[illegible]	[illegible]	[illegible]	73.4	1[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	73.1	1[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	72.5	1[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]	1[illegible]	7.1	[illegible]	1[illegible]
[illegible]	[illegible]	[illegible]	7.[illegible]	7.1	1[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	73.[illegible]	1[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]

PART I

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS [illegible] HOURLY OBSERVAT[illegible]

- BY EIGHT 3-HOUR STANDARD SYNOPTIC [illegible] (ALL YEARS COMBINED).

- BY MONTH (ALL YEARS AND ALL [illegible]).

- BY YEAR (ALL YEARS AND ALL [illegible]).

SEA LEVEL PRESSURE.
IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, COUNTS. THIS SUMMARY IS NOT AVAILABLE [illegible]

ALTIMETER SETTING.
IN INCHES OF MERCURY (IN), TABLES GIVE [illegible], STANDARD DEVIATIONS, TOTAL OBSERVATION COUNTS.

STATION PRESSURE.
IN INCHES OF MERCURY (IN), TABLES GIVE [illegible], STANDARD DEVIATIONS, TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS USE: 1 MILLIBAR = [illegible]

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PART F

PRESSURE SUMMARIES

[illegible] IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

[illegible] SYNOPTIC [illegible] TIME PERIODS [illegible] EACH MONTH
[illegible]).

[illegible] ALL HOURS COMBINED).

[illegible] ALL HOURS COMBINED).

[illegible] MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATIONS
[illegible] IS NOT AVAILABLE FOR [illegible] REPORTING SITES.

[illegible]), [illegible] MEANS, STANDARD DEVIATIONS, AND
[illegible].

[illegible]), [illegible] MEANS, STANDARD DEVIATIONS AND
[illegible].

[illegible] = [illegible] ONLY IF [illegible] ONLY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLI
[illegible] MONTHLY [illegible] STATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	[illegible]
0100	MEAN	1015.3	1015.9	1015.3	1013.4	1014.[illegible]	1015.[illegible]	1014.[illegible]	1015.[illegible]
	SD	11.434	10.378	10.230	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	312	288	310	300	310	300	310	[illegible]
0400	MEAN	1015.4	1015.7	1014.[illegible]	1013.2	1014.[illegible]	1015.[illegible]	1014.[illegible]	1015.[illegible]
	SD	11.279	10.015	10.442	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	310	288	310	300	310	300	310	[illegible]
0700	MEAN	1015.1	1017.0	1015.[illegible]	1014.2	1015.[illegible]	1015.[illegible]	1014.[illegible]	1015.[illegible]
	SD	11.419	9.959	10.591	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	310	288	310	300	310	300	310	[illegible]
1000	MEAN	1015.7	1017.0	1015.[illegible]	1014.[illegible]	1015.[illegible]	1015.[illegible]	1014.[illegible]	1015.[illegible]
	SD	11.[illegible]	10.[illegible]	10.757	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	310	288	310	300	310	300	310	[illegible]
1300	MEAN	1014.[illegible]	1015.[illegible]	1014.[illegible]	1012.[illegible]	1014.[illegible]	1013.[illegible]	1014.[illegible]	1014.[illegible]
	SD	11.372	9.914	10.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	310	288	310	300	310	300	310	[illegible]
1600	MEAN	[illegible]	1014.[illegible]	1013.7	1012.[illegible]	1013.[illegible]	1012.[illegible]	1013.[illegible]	1014.[illegible]
	SD	11.1[illegible]	9.233	10.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	310	288	310	300	310	300	310	[illegible]
1900	MEAN	1015.4	1016.7	1014.[illegible]	1013.[illegible]	1014.1	1013.[illegible]	1014.[illegible]	1014.[illegible]
	SD	11.[illegible]	9.[illegible]	9.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	310	288	310	300	310	300	310	[illegible]
2200	MEAN	1015.[illegible]	1017.[illegible]	1015.4	1014.[illegible]	1014.[illegible]	1013.[illegible]	1014.[illegible]	1014.[illegible]
	SD	11.[illegible]	9.914	10.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	310	288	310	300	310	300	310	[illegible]
ALL HOURS	MEAN	1015.4	1016.7	1014.9	1013.4	1014.[illegible]	1013.1	1014.[illegible]	1014.[illegible]
	SD	11.372	9.[illegible]	10.343	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOT OBS	3472	3264	3472	[illegible]	3472	[illegible]	[illegible]	[illegible]

A

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]	1014.5	1013.6	1014.2	1015.[illegible]	1017.7	1016.2	1017.1	1016.7	1015.7
[illegible]	5.337	5.323	5.323	5.334	6.545	9.935	10.235	10.449	5.741
	310	300	310	310	300	310	300	310	3653
[illegible]	1014.5	1013.9	1014.2	1015.7	1017.6	1016.2	1017.0	1016.7	1015.6
[illegible]	5.415	5.222	5.323	5.383	6.557	9.972	10.442	10.314	5.331
	310	300	310	310	300	310	300	310	3653
[illegible]	1015.4	1015.[illegible]	1015.2	1015.5	1013.5	1019.2	1017.5	1017.4	1016.4
[illegible]	5.331	5.347	5.437	5.139	6.717	9.131	10.477	10.[illegible]	5.566
	310	300	310	310	300	310	300	310	3652
[illegible]	1017.[illegible]	1015.7	1015.[illegible]	1015.[illegible]	1015.[illegible]	1019.1	1017.7	1017.1	1016.5
[illegible]	5.[illegible]	5.435	5.423	5.215	5.215	9.252	10.524	10.[illegible]	5.931
	310	300	310	310	300	310	300	310	3653
[illegible]	1015.3	1012.4	1014.1	1015.7	1017.2	1017.0	1015.2	1015.2	1015.1
[illegible]	[illegible]	5.717	5.[illegible]	5.215	6.621	9.195	10.473	10.[illegible]	5.511
	310	300	310	310	300	310	300	310	3653
[illegible]	1015.[illegible]	1012.2	1013.4	1014.4	1015.5	1017.4	1015.1	1015.5	1014.7
[illegible]	[illegible]	5.415	5.443	5.135	5.345	9.336	10.135	10.321	5.253
	310	300	310	310	300	310	300	310	3652
[illegible]	1014.1	1013.[illegible]	1015.[illegible]	1015.4	1017.2	1015.[illegible]	1015.[illegible]	1017.2	1015.4
[illegible]	5.431	5.3[illegible]	5.[illegible]	5.01	5.735	9.961	10.[illegible]	10.469	5.37
	310	300	310	310	300	310	300	310	3652
[illegible]	1014.4	1013.4	1014.3	1015.[illegible]	1017.[illegible]	1015.7	1017.1	1017.[illegible]	1015.9
[illegible]	[illegible]	5.373	5.213	5.[illegible]	5.[illegible]	9.272	9.[illegible]	10.[illegible]	5.612
	310	300	310	310	300	310	300	310	3652
[illegible]	1015.5	1015.1	1014.3	1015.[illegible]	1017.[illegible]	1015.3	1015.9	1017.[illegible]	1015.7
[illegible]	[illegible]	5.314	5.331	5.131	5.755	9.14	10.355	10.[illegible]	5.775
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725356 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
0100	MEAN	29.94	30.02	29.93	29.92	29.95	29.91	[illegible]	[illegible]
	SD	.333	.296	.322	.264	.137	.172	[illegible]	[illegible]
	TOT OBS	310	293	310	300	310	303	[illegible]	[illegible]
0400	MEAN	29.94	30.02	29.95	29.92	29.95	29.91	[illegible]	[illegible]
	SD	.341	.295	.328	.267	.134	.173	[illegible]	[illegible]
	TOT OBS	310	293	310	300	310	303	[illegible]	[illegible]
0700	MEAN	30.00	30.04	29.99	29.94	29.95	29.94	29.97	[illegible]
	SD	.338	.293	.316	.269	.133	.137	[illegible]	[illegible]
	TOT OBS	310	293	310	300	310	303	[illegible]	[illegible]
1000	MEAN	30.02	30.04	29.99	29.94	29.95	[illegible]	29.97	[illegible]
	SD	.336	.295	.317	.267	.135	.171	[illegible]	[illegible]
	TOT OBS	310	293	310	300	310	303	[illegible]	[illegible]
1300	MEAN	29.95	30.00	29.95	29.91	29.97	[illegible]	29.94	[illegible]
	SD	.336	.291	.309	.252	.139	.142	.131	[illegible]
	TOT OBS	310	293	310	300	310	[illegible]	[illegible]	[illegible]
1600	MEAN	29.96	29.99	29.94	29.93	29.93	29.99	29.93	[illegible]
	SD	.32	.293	.297	[illegible]	.134	.137	.130	[illegible]
	TOT OBS	310	293	310	[illegible]	310	[illegible]	310	[illegible]
1900	MEAN	29.96	30.02	29.95	29.91	29.96	29.93	29.95	[illegible]
	SD	.335	.293	.296	[illegible]	.138	.137	[illegible]	[illegible]
	TOT OBS	310	293	310	[illegible]	310	303	[illegible]	[illegible]
2200	MEAN	29.93	30.03	29.98	29.93	29.97	29.94	[illegible]	[illegible]
	SD	.332	.292	[illegible]	.267	.134	.173	.134	[illegible]
	TOT OBS	310	293	310	[illegible]	310	303	[illegible]	[illegible]
ALL HOURS	MEAN	29.95	30.02	29.97	29.92	29.95	29.91	[illegible]	[illegible]
	SD	.334	.294	.313	.262	.134	[illegible]	[illegible]	[illegible]
	TOT OBS	2945	2934	2973	2930	2974	2937	[illegible]	[illegible]

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ALTIMETER SETTING IN INCHES
[illegible] TOPPLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]	29.91	29.95	30.00	30.05	30.07	30.03	30.02	29.99
.137	.172	.158	.147	.193	.266	.321	[illegible]	.257
310	300	310	310	300	310	300	310	3653
[illegible]	29.91	29.95	29.99	30.05	30.06	30.03	30.02	29.99
.134	.173	.154	.149	.174	.267	.307	.310	.260
310	300	310	310	300	310	300	310	3653
[illegible]	29.94	29.97	30.02	30.07	30.09	30.04	[illegible]	30.01
.123	.137	.193	.151	.199	.269	.309	.311	.252
310	300	310	310	300	310	300	310	3653
[illegible]	29.93	29.97	30.02	30.07	30.09	30.05	[illegible]	30.01
.123	.191	.156	.173	.201	.273	.313	.315	.264
310	300	310	310	300	310	300	310	3653
[illegible]	29.91	29.94	[illegible]	30.04	30.07	[illegible]	[illegible]	29.97
.134	.172	.171	.154	.201	.271	[illegible]	[illegible]	.250
310	300	310	310	300	310	300	310	3653
[illegible]	[illegible]	29.92	29.97	30.01	30.04	[illegible]	30.01	29.96
.134	.157	.156	.151	.204	.267	.298	[illegible]	.255
[illegible]	[illegible]	310	310	[illegible]	310	[illegible]	310	3652
[illegible]	29.93	29.96	[illegible]	30.04	30.07	[illegible]	[illegible]	[illegible]
.138	.157	.154	.147	.173	[illegible]	.299	[illegible]	.252
[illegible]	[illegible]	[illegible]	310	[illegible]	310	[illegible]	[illegible]	3652
[illegible]	29.91	29.95	[illegible]	[illegible]	30.0[illegible]	[illegible]	[illegible]	30.00
.134	.173	.154	.147	.193	.273	.291	[illegible]	.254
310	300	310	310	300	310	[illegible]	310	3652
[illegible]	29.91	29.95	[illegible]	[illegible]	30.07	[illegible]	[illegible]	29.99
.132	.157	.157	.151	.193	.270	.300	[illegible]	.253
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29821

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

STATION PRESSURE [illegible]
[illegible] HOURLY OBSERVATIONS

STATION NUMBER: 726255 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
0100	MEAN	29.35	29.31	29.35	29.31	29.35	29.[illegible]	29.33	29.[illegible]
	SD	.335	.292	.298	.261	.124	.179	.164	.1[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
0400	MEAN	29.36	29.30	29.35	29.32	29.[illegible]	29.[illegible]	29.33	[illegible]
	SD	.327	.291	.304	.253	.1[illegible]	.174	.1[illegible]	.1[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
0700	MEAN	29.[illegible]	29.32	29.37	29.[illegible]	29.37	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.338	.290	.311	.267	.1[illegible]	.1[illegible]	.1[illegible]	.1[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
1000	MEAN	29.[illegible]	29.28	29.[illegible]7	29.[illegible]	29.[illegible]	29.[illegible]	[illegible]	29.[illegible]
	SD	.332	.291	.313	.263	.1[illegible]	.1[illegible]7	.1[illegible]	.1[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
1300	MEAN	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	[illegible]	29.[illegible]
	SD	.333	.2[illegible]	.3[illegible]	.1[illegible]	.1[illegible]	.1[illegible]	.1[illegible]	.1[illegible]
	TOT OBS	310	[illegible]	310	[illegible]	[illegible]	[illegible]	310	[illegible]
1600	MEAN	29.34	29.27	29.[illegible]2	29.[illegible]	29.[illegible]	29.[illegible]	[illegible]	[illegible]
	SD	.324	.2[illegible]	.298	.2[illegible]	.1[illegible]	.1[illegible]	.127	.1[illegible]
	TOT OBS	310	[illegible]	310	300	[illegible]	[illegible]	[illegible]	[illegible]
1900	MEAN	29.[illegible]	29.33	29.[illegible]	29.[illegible]	29.[illegible]	29.74	[illegible]	[illegible]
	SD	.324	.2[illegible]	.2[illegible]	.2[illegible]	.1[illegible]	.175	.1[illegible]	.1[illegible]
	TOT OBS	310	[illegible]	310	[illegible]	310	[illegible]	[illegible]	[illegible]
2200	MEAN	29.37	29.31	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	[illegible]	29.[illegible]
	SD	.32	.2[illegible]	.301	.2[illegible]	.1[illegible]	.175	.1[illegible]	.1[illegible]
	TOT OBS	310	[illegible]	310	[illegible]	310	[illegible]	[illegible]	[illegible]
ALL HOURS	MEAN	29.[illegible]	29.30	29.35	29.31	29.[illegible]	29.[illegible]	[illegible]	29.[illegible]
	SD	.331	.290	.301	.259	.137	.172	.1[illegible]	.1[illegible]
	TOT OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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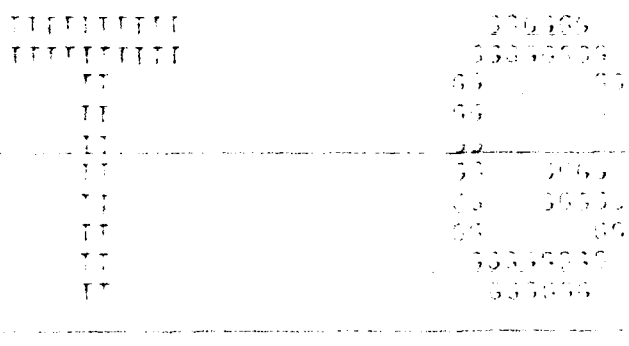
STATION PRESSURE IN INCHES
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 78 - JUN [illegible]

[illegible]	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]	29.[illegible]	29.[illegible]	29.93	29.[illegible]	29.93	29.95	29.92	29.[illegible]	29.97
[illegible]	.1[illegible]	.176	.154	.143	.132	.252	.273	.304	.254
	210	300	310	310	300	310	300	310	3653
[illegible]	29.[illegible]	29.[illegible]	29.93	29.[illegible]	29.93	29.95	29.91	29.[illegible]	29.97
[illegible]	.1[illegible]	.174	.155	.142	.190	.253	.305	.325	.255
	310	300	310	310	300	310	300	310	3653
[illegible]	29.97	29.92	29.96	29.98	29.95	29.97	29.98	29.92	29.[illegible]
[illegible]	.1[illegible]	.173	.154	.142	.195	.256	.309	.307	.256
	310	300	310	310	300	310	300	310	3653
[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.95	29.97	29.[illegible]	29.[illegible]	29.[illegible]
[illegible]	.141	.177	.154	.142	.197	.270	.[illegible]	.3[illegible]	.250
	310	300	310	310	300	310	300	310	3653
[illegible]	29.[illegible]	29.73	29.[illegible]	29.[illegible]	29.92	29.93	29.[illegible]	29.[illegible]	29.[illegible]
[illegible]	.1[illegible]	.1[illegible]	.157	.151	.195	.267	.304	.3[illegible]1	.255
	310	300	310	310	300	310	300	310	3653
[illegible]	29.[illegible]	29.7[illegible]	29.[illegible]1	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
[illegible]	.1[illegible]	.1[illegible]	.157	.147	.203	.253	.274	.271	.251
	[illegible]	300	310	310	300	310	300	310	3652
[illegible]	29.[illegible]	29.74	29.[illegible]	29.87	29.92	29.95	29.91	29.[illegible]	29.97
[illegible]	.1[illegible]1	.175	.156	.144	.194	.254	.2[illegible]	.3[illegible]	.249
	310	[illegible]	310	310	300	310	300	310	3652
[illegible]	29.[illegible]	29.[illegible]1	29.[illegible]4	29.[illegible]	29.94	29.95	29.91	29.[illegible]	29.[illegible]
[illegible]	.1[illegible]1	.175	.15[illegible]	.143	.1[illegible]	.253	.2[illegible]	.2[illegible]	.250
	310	[illegible]	[illegible]	310	300	310	300	310	3652
[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.93	29.95	29.91	29.[illegible]1	29.97
[illegible]	.1[illegible]7	.1[illegible]	.156	.147	.195	.[illegible]	.294	.301	.255
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24221

B

A



[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

A

[illegible]

[illegible]

[illegible] WEEKLY AND [illegible] (INCLUDING
[illegible] SUMMARY [illegible]:

[illegible]).

[illegible]).

[illegible]).

[illegible]).

[illegible]).

[illegible]
[illegible].
[illegible]:

[illegible]
[illegible].

[illegible]
[illegible].
[illegible]

[illegible].

[illegible]
[illegible] (C).

[illegible].

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: +[illegible]

CATEGORY A: ANY CEILING [illegible] VISIBILITY [illegible]

CATEGORY [illegible]: [illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]		[illegible]		[illegible]				[illegible]
CATEGORY [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	1200 - 1400				1500 - 17[illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]
CATEGORY [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	2300 - 2[illegible]				
SPEED KTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	1.4	[illegible]		[illegible]	1.[illegible]
CATEGORY [illegible]	7.1	2.6	[illegible]	[illegible]	[illegible]

A

[illegible] OF [illegible] OF [illegible]
[illegible] ONLY [illegible] VISIBILITY

[illegible] PRIMARY [illegible] 1[illegible]-[illegible]

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
[illegible] JAN

CEILING VISIBILITY (CEILING [illegible])

[illegible] (MILES + [illegible])

[illegible] - [illegible]				[illegible] - [illegible]				[illegible] - 11[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - 17[illegible]				1[illegible] - [illegible]				[illegible] - [illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]		[illegible]		[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible]				ALL HOURS			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]		[illegible]	1.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.3	[illegible]

OPERATING LOCATION "A" OPERATING FREQUENCY OF [illegible]
USAFETAC, AFSWC [illegible] [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible]

CATEGORY A: ANY CEILING [illegible] VISIBILITY [illegible]

CATEGORY B: HIGHEST HEIGHT [illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] -				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]			[illegible]	[illegible]			[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]		[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FREQUENCY OF OCCURRENCE OF CROSSBELTS
[illegible] ONLY [illegible]

MAGNETIC [illegible] WEEKLY [illegible]

[illegible] PERIOD OF RECORD [illegible]
[illegible]

RANGE OF VISIBILITY (HOURLY OBS ONLY)

[illegible] (HOURLY + SPECIAL)

[illegible] - [illegible]				[illegible] - [illegible]				[illegible] - 11[illegible]			
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]		[illegible]		[illegible]		[illegible]			[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - 17[illegible]				[illegible] - [illegible]				[illegible] - 28[illegible]			
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible]			ALL HOURS			
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible]

CATEGORY A: [illegible]

CATEGORY B: [illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				
SPEED KTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

[illegible] OF [illegible]
[illegible] SUPPLY [illegible] STATIONS

MAGNETIC PRIMARY [illegible]: [illegible]

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
[illegible]

[illegible] VISIBILITY (MONTHLY [illegible] ONLY)

[illegible] (MILES + [illegible])

[illegible] - [illegible]			[illegible] - [illegible]			[illegible] - 11[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible]			[illegible] - [illegible]			[illegible] - [illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible]			ALL HOURS			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION: [illegible]
USAFETAC, [illegible] WILL [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: [illegible]

CATEGORY A: ANY CEILING - VISIBILITY [illegible]

CATEGORY B: HIGHEST [illegible] [illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	.1	[illegible]		.7	[illegible]		[illegible]	[illegible]
CATEGORY B	[illegible]	.7	1.1	[illegible]	[illegible]	1.[illegible]	[illegible]	1.[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
CATEGORY A	[illegible]	.4		[illegible]	1.[illegible]	.[illegible]		[illegible]	1.
CATEGORY B	11.7	[illegible]	3.1	[illegible]	[illegible]	[illegible]	.[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				
SPEED KTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	1.4	.[illegible]		[illegible]	1.
CATEGORY B	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]

A

```
[illegible]
[illegible]
                                        [illegible]
                                        [illegible]
......................................................................
[illegible] VISIBILITY ([illegible]LY [illegible]S [illegible]LY)
[illegible]
......................................................................
  [illegible] - [illegible]               [illegible] - [illegible]                [illegible] - 11[illegible]
[illegible]
  .         [illegible]         .     .1          [illegible]      1.[illegible]     .        [illegible]
  1.[illegible]    .[illegible]  1[illegible]      7.7   [illegible]  1.[illegible]  11[illegible]      14.2    .[illegible]   1.7  1[illegible]
......................................................................
  [illegible] - [illegible]               1[illegible] - [illegible]                [illegible] - 2300
[illegible]
  .         [illegible]       1.      .1          [illegible]       .                [illegible]
  .[illegible]    .[illegible]  [illegible]     .[illegible]   .[illegible]    .[illegible]  1[illegible]      [illegible]     [illegible]     .[illegible]  1[illegible]
......................................................................
......................................................................
[illegible]                              ALL  [illegible]
[illegible]        [illegible]                  [illegible]  [illegible]  [illegible]      [illegible]
           [illegible]                  1.3     .2            72[illegible]
1.[illegible]     [illegible]                  7.4   2.2   1.1    [illegible]
```

[illegible] - 2 - [illegible]4

B

```
OPERATING LOCATION "A"                    [illegible]
USAFETAC, ASHEVILLE NC                    [illegible]

STATION NO: [illegible]    STATION NAME: [illegible]
                           LST TO GMT: + [illegible]
....................................................................................

                                 CATEGORY A: [illegible]

                                 CATEGORY B: [illegible]
....................................................................................

TIME (LST)              [illegible] - [illegible]                 [illegible] -

SPEED (KTS)     [illegible]

CATEGORY A      [illegible]                                                  .

CATEGORY        1.7       .        [illegible]   [illegible]   .   1.        .

....................................................................................

TIME (LST)              1[illegible] - 14[illegible]             [illegible] - [illegible]

SPEED (KTS)     [illegible]

CATEGORY A      1.[illegible]   .1    [illegible]      .      .               .[illegible]

CATEGORY        .  [illegible]  .  [illegible]   4.  [illegible]  .  [illegible]   .

....................................................................................
....................................................................................

TIME (LST)                            [illegible] - [illegible]

SPEED KTS                  [illegible]

CATEGORY A                     .7     .1      [illegible]                       .

CATEGORY                   [illegible]  1.[illegible]  [illegible]              .
```

A

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[illegible]
[illegible]
                                    [illegible]
[illegible]                         [illegible]: JUL 7 - J[illegible]
                                    [illegible]
..................................................................
[illegible] VISIBILITY ([illegible] ONLY)

[illegible]
..................................................................
[illegible]

                  .7                            1.1
 .7      11        .4      1.        .           .4      .       .  1.
..................................................................
[illegible]

 .                  .                 .3          .                .3
 .        .        1.      .7      .             .7      .           1.
..................................................................
..................................................................
[illegible]

                        .          .               .
 ..                   3.    1.    .
```

b

OPERATING LOCATION WAW

USAFETAC, ASHEVILLE NC

STATION NUMBER: [illegible] STATION NAME: [illegible]

LST TO UTC: +

CATEGORY A: [illegible] VISIBILITY [illegible]

CATEGORY B: [illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]			
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	.1							.1
CATEGORY B	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]			
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	.2				.1			
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TIME (LST)	[illegible] - [illegible]							
SPEED KTS	[illegible]	[illegible]	[illegible]	[illegible]				
CATEGORY A	.1				[illegible]			
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]				

A

FREQUENCY OF OCCURRENCE OF CROSSINGS
FOR FREQUENCY DATA PERTAINS

MAGNETIC POINTS BEARING: [illegible]

PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: JUN

CEILING VISIBILITY (GOOD DAYS ONLY)

[illegible] MINIMUM TIME SPAN (HOURS) + [illegible]

[illegible] - [illegible]	[illegible] - [illegible]	[illegible] - 1100
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

1[illegible] - 1700	1[illegible] - [illegible]	2100 - 2300
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]	ALL HOURS
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

6

OPERATING LOCATION: WAW PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE, NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726305 STATION NAME: PEASE AFB, NH
LST TO UTC: +5

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS)

CATEGORY B: HIGHEST WIND SPEED WITHIN 10 MIN

TIME (LST)	0000 - 0200				0600 - 0800				
SPEED (KTS)	0-10	11-20	21-29	30+	0-10	11-20	21-29	30+	[illegible]
CATEGORY A				[illegible]				[illegible]	
CATEGORY B	.1			100.0				100.0	

TIME (LST)	1200 - 1400				1600 - 1800				
SPEED (KTS)	0-10	11-20	21-29	30+	0-10	11-20	21-29	30+	[illegible]
CATEGORY A				[illegible]	.2			[illegible]	.1
CATEGORY B	.2	.9		100.0	1.7	.3	.1	100.0	1.

TIME (LST)	2000 - 2200				
SPEED KTS	0-10	11-20	21-29	30+	[illegible]
CATEGORY A	.1			[illegible]	.
CATEGORY B	1.8	.2	.1	[illegible]	1.

A

FREQUENCY OF OCCURRENCE OF CEILINGS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: [illegible]

PERIOD OF RECORD: JUL 73 - JUL 80
MONTH: JUL

CEILING VS VISIBILITY (HOURLY OBS ONLY)

[illegible] - 3500				3500 - 5000				5000 - 11000			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]				[illegible]						[illegible]
	[illegible]				1374				.		1339

[illegible] - 1200				1300 - 2000				[illegible] - 2400			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	.1		[illegible]						[illegible]
.	.3	.1	[illegible]	1.3	.2	[illegible]					1327

[illegible]				ALL [illegible]			
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]			[illegible]			[illegible]
.	.	[illegible]		1.2	.1	.	[illegible]

[illegible] - 2 - 7

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FOR ASHEVILLE, NC (WBAN)

STATION NUMBER: 723255 STATION NAME: BEAST AFB, NC
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (ONLY [illegible]

CATEGORY B: HIGHEST WINDS [illegible]

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	0-15	0-20	0-25	0-35	0-15	0-20	0-25	[illegible]	[illegible]
CATEGORY A				[illegible]				[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]		100.0	[illegible]	[illegible]		100.0	[illegible]

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	0-15	0-20	0-25	0-35	0-15	0-20	0-25	[illegible]	[illegible]
CATEGORY A	.1			[illegible]	.2			[illegible]	.1
CATEGORY B	[illegible]	[illegible]	.2	100.0	1.4	[illegible]		100.0	1.[illegible]

TIME (LST)	2000 - 2200				
SPEED KTS	0-15	0-20	0-25	0-35	[illegible]
CATEGORY A	.2			4000	[illegible]
CATEGORY B	1.[illegible]	[illegible]	[illegible]	0000	1.[illegible]

A

FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 156-245

PERIOD OF RECORD: JUL 70 - JUN 79
MONTH: AUG

CEILING VS VISIBILITY (HOURLY OBS ONLY)

ALL WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0000 - 0300				0600 - 0900				1000 - 1300			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	.2			[illegible]	.2			[illegible]	
.0	.2	1.2	.2	.3		1.3	2.3	.0		1.2	

1400 - 1700				1800 - 2100				2200 - 2500			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.0		[illegible]	.1			[illegible]	.4			[illegible]	
.0	.0	1.1	1.2	.1		1.2	.3	.4	.3	[illegible]	

[illegible]		ALL HOURS			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	4.6		.2		7.4
.0	.0	1.4	.4	.1	[illegible]

D

OPERATING LOCATION: NAW PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSS-
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY
CATEGORY B: HIGHEST WIND REPORTED WITHIN 1 HR

TIME (LST)	0000 - 0200				0000 - [illegible]				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A				[illegible]		.2		[illegible]	.4
CATEGORY	.3			[illegible]		.2	.2	[illegible]	[illegible]

TIME (LST)	1200 - 1400				1600 - 1700				
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	.3			[illegible]		.1		[illegible]	.4
CATEGORY B	[illegible]	1.5		[illegible]	[illegible]	.1	.2	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				
SPEED KTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	.4			[illegible]	
CATEGORY B	[illegible]	1.1	.2	[illegible]	[illegible]

FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 156-346

AFS KW

PERIOD OF RECORD: JUL 70 - JUN 79
MONTH: SEP

CEILING OR VISIBILITY (HOURLY OBS ONLY)

WIND DIRS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0000 - 0500				0600 - 0900				0900 - 1100			
15	0520	0525	035	0515	0520	0525	035	0515	0520	0525	035
.3			900	.4			900	.4			900
.4	.2	.2	992	1.2	.5		1914	3.4	1.2	.1	1914

1100 - 1700				1900 - 2600				2100 - 2300			
15	0520	0525	035	0515	0520	0525	035	0515	0520	0525	035
.1			900	.4			900				900
.3	.1	.2	952	3.2	1.4	.5	959	1.8	.2	.1	999

2100 - 2300			ALL HOURS			
15	0520	035	0515	0520	0525	035
		4800	.3			7200
1.1	.2	4951	2.4	.2	.1	7021

6 - 2 - 9

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC [illegible] HOURLY OBSERVATIONS

STATION NUMBER: 726050 STATION NAME: [illegible]
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (ONLY [illegible]

CATEGORY B: HIGHEST WIND SPEED [illegible]

TIME (LST)	0000 - 0200				[illegible] - [illegible]					
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A				[illegible]	.2			[illegible]	.[illegible]	[illegible]
CATEGORY B	.7	.1		1304	2.[illegible]	1.[illegible]	.1	[illegible]	[illegible]	1.[illegible]

TIME (LST)	1200 - 1400				[illegible] - [illegible]					
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	1.1	.4		[illegible]	.[illegible]	.[illegible]		[illegible]	.[illegible]	[illegible]
CATEGORY B	7.1	1.[illegible]	.6	1032	3.[illegible]	1.1	.4	[illegible]	1.[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				
SPEED KTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	.3	.3	.[illegible]	4650	[illegible]
CATEGORY B	4.1	1.4	.[illegible]	5[illegible]	[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILINGS
AND HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 196-346

PERIOD OF RECORD: JUL 71 - JUN 79
MONTH: OCT

CEILING OR VISIBILITY (HOURLY OBS ONLY)

EST HOURS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0500 - 0800				0900 - 1100			
[illegible]	GE25	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
[illegible]			[illegible]	.0	.1		930	.1	.1		930
[illegible]	1.0	.1	1017	[illegible]	1.4	.4	1054	3.0	1.7	.0	1052

1400 - 1700				1800 - 2000				2100 - 2300			
[illegible]	GE25	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
[illegible]	.2		930	.5	.3	.1	930	.1			930
[illegible]	1.1	.4	1011	1.5	.3	.4	[illegible]	1.0	.0	.1	1013

[illegible] - 2300			ALL HOURS			
[illegible]	GE25	OBS	GE15	GE20	GE25	OBS
[illegible]	.0	4450	.5	.2	.0	7440
[illegible]	.0	5152	3.1	1.1	.4	8150

[illegible] - 4 - 10

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF GOOD [illegible] OR CROSSWI
USAFETAC, ASHEVILLE, NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible] AFB [illegible]
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY [illegible]

CATEGORY B: HIGHEST WIND CONDITIONAL CEILING IN [illegible]

TIME (LST)	0000 - 0200				0800 - 1000				
SPEED (KTS)	0-15	16-20	21-25	26+	0-15	16-20	21-25	26+	[illegible]
CATEGORY A	.4			[illegible]	.[illegible]			[illegible]	.[illegible]
CATEGORY B	[illegible]	1.3	.2	[illegible]	[illegible]	1.[illegible]	.6	[illegible]	[illegible]

TIME (LST)	1200 - 1400				1600 - 1800				
SPEED (KTS)	0-15	16-20	21-25	26+	0-15	16-20	21-25	26+	[illegible]
CATEGORY A	.3			[illegible]	.[illegible]			[illegible]	.[illegible]
CATEGORY B	[illegible]	1.3	.1	[illegible]	[illegible]	1.[illegible]	.7	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				
SPEED KTS	0-15	16-20	21-25	26+	[illegible]
CATEGORY A	.[illegible]	.0		[illegible]	.[illegible]
CATEGORY B	[illegible]	1.4	.3	[illegible]	[illegible]

A

FREQUENCY OF OCCURRENCE OF CROSSWINDS
FOR ASSIGNED OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-240

AREA: [illegible]

PERIOD OF RECORD: JUL 70 - JUN 73
MONTH: NOV

% CEILING OR VISIBILITY (MODELY SFS ONLY)

LOWEST HEIGHT PRESENT AVAILABLE FOR APPR (MODELIES + SPECIALS)

[illegible] - [illegible]				[illegible] - [illegible]				[illegible] - 1100			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible]				[illegible] - [illegible]				[illegible] - [illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible]				[illegible] - [illegible]			
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]		[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCUR
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TIME: [illegible]

CATEGORY A: ANY CEILING VISIBILITY ([illegible]

CATEGORY B: HIGHEST CEILING [illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]							
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]							
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]											
SPEED KTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

[illegible]

[illegible] HOURLY [illegible]

[illegible]

[illegible] PERIOD OF RECORD: [illegible]

[illegible]

[illegible] VISIBILITY ([illegible] ONLY)

[illegible] (HOURLY + [illegible])

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

B

OPERATING LOCATION: [illegible]
USAFETAC, SCOTT AFB, IL

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
[illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
EST TIME: [illegible]

CATEGORY A: [illegible]

CATEGORY B: [illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]			
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]				[illegible] - [illegible]			
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TIME (LST)	[illegible] - [illegible]			
SPEED (KTS)	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]	[illegible]	[illegible]
CATEGORY B	[illegible]	[illegible]	[illegible]	[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILINGS
WITH HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 100-240

PERIOD OF RECORD: JUL 74 - JUN 79
MONTH: ALL

CEILINGS & VISIBILITY (HOURLY OBS ONLY)

PERCENT HOURS CEILING WITHIN THE HOUR (HOURLIES + SPECIALS)

	0000 - 0559			0600 - 0959			1000 - 1159		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	.7	.1	[illegible]	1.[illegible]	.[illegible]	[illegible]
[illegible]	.[illegible]	.[illegible]	[illegible]	[illegible]	1.[illegible]	.4	[illegible]	[illegible]	.[illegible]

	1200 - 1759			1800 - [illegible]			[illegible] - [illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]	.[illegible]	[illegible]	.[illegible]	[illegible]
[illegible]	1.7	.[illegible]	[illegible]	[illegible]	1.1	.[illegible]	[illegible]	.[illegible]	.[illegible]

	ALL HOURS			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.1	.[illegible]	[illegible]	.7	.1	.[illegible]	[illegible]
[illegible]	.[illegible]	[illegible]	[illegible]	1.[illegible]	.4	[illegible]

DEGREE DAY DEFINITIONS

DEGREE DAYS.
CREATED FROM HOURLY OBSERVATIONS (MAXIMUM AND MINIMUM) AND AVAILABLE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR.

INCLUDED WITH EACH SUMMARY ARE STATISTICS [illegible] PER (IF AVAILABLE). THE 30-YEAR PERIOD PROVIDES A BASIS CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, IF THE NATIONAL CLIMATIC DATA CENTER (NCDC). [illegible] CHANGE IN 1961-1970 AS SOON AS DATA FOR [illegible]

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE IN THESE TABLES. ASTERISKS (****) DENOTE AN INCORRECT [illegible] CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.
ONE "HEATING DEGREE DAY" IS ASSIGNED TO A PERSONT [illegible] MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE OF THAT DAY IS SAID TO HAVE [illegible] HEATING DEGREE DAYS.

COOLING DEGREE DAYS.
ONE "COOLING DEGREE DAY" IS ASSIGNED TO A PERSONT [illegible] TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE OF [illegible] DEGREES, THAT DAY IS SAID TO HAVE [illegible] COOLING DEGREE DAY.

*** DEGREE DAYS CONSTANT IS [illegible] AS THE [illegible] "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) COOLING IS REQUIRED. IF APPLIED [illegible] TEMPERATURE IS [illegible] TABLES, IT HAS SPECIALLY [illegible] BY THE STATION, [illegible]

A

[illegible] DAY SUMMARIES

[illegible] (MAX-MIN AND AVAILABLE), THESE TABLES GIVE [illegible]
[illegible] FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980)
[illegible] 30-YEAR PERIOD PROVIDES ARE USERS WITH A SUMMARY
STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE
[illegible] DATA CENTER (NCDC). NOTE THAT THE 30-YEAR PERIOD WILL
[illegible] DATA FOR DECEMBER 1980 HAS BEEN PROCESSED.

[illegible] DATA AND MONTHS WITH A VALUE OF [illegible] APPEAR AS BLANKS
[illegible] (****) DEPENDING ON INCOMPLETE MONTH WITH A DAY (30 DAYS) THAT
[illegible] AUTOMATICALLY.

[illegible]Y" IS ASSIGNED TO REPRESENT [illegible] THAT THE
[illegible] DESIGNATED "MEAN TEMPERATURE" OF 58 DEGREES*
[illegible], IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 57 DEGREES,
[illegible] DAY.

[illegible]Y" IS ASSIGNED TO REPRESENT [illegible] THAT THE
[illegible] DESIGNATED "MEAN TEMPERATURE" OF 65 DEGREES*
[illegible], IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73
[illegible] DAY.

[illegible] STATISTICS IN THE NATIONAL STANDARD
[illegible] (AT LEAST THE ARTICLES) OF WEATHER OF
[illegible] MEAN TEMPERATURE IS USED IN THESE
[illegible] BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
BASE 65 JULY 1950 - DEC 1978

STATION NUMBER: 726066 STATION NAME: PEAST AFB MA
LST TO UTC: + 5

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1956					375	77	[illegible]	[illegible]
1957	1432	947	856	527	250	41	[illegible]	[illegible]
1958	1140	1207	951	544	352	124	14	
1959	1243	1172	947	565	199	131	1	[illegible]
1960	1157	952	1059	[illegible]	334	47		[illegible]
1961	1410	1052	995	553	354	[illegible]	37	[illegible]
1962	1272	1219	943	562	359	[illegible]	[illegible]	[illegible]
1963	1174	1330	854	[illegible]	291	71	[illegible]	[illegible]
1964	[illegible]	1177	973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	[illegible]	1112	937	546	217	[illegible]	[illegible]	[illegible]
1966	[illegible]	[illegible]	919	725	404	[illegible]	[illegible]	27
1967	[illegible]	1262	1003	[illegible]	454	[illegible]		13
1968	1404	1255	962	538	556	124	7	[illegible]
1969	1233	1027	1012	572	317	[illegible]	[illegible]	[illegible]
1970	[illegible]	[illegible]	977	592	[illegible]	75	[illegible]	1
1971	1411	1041	934	552	320	[illegible]		[illegible]
1972	[illegible]	1171	949	543	279	[illegible]	[illegible]	[illegible]
1973	1197	1073	[illegible]	423	341	[illegible]		[illegible]
1974	1141	1277	[illegible]	472	[illegible]	[illegible]	7	[illegible]
1975	[illegible]	[illegible]	972	[illegible]	197	132	[illegible]	
1976	1342	951	862	455	271	[illegible]	11	39
1977	[illegible]	1077	[illegible]	579	264	[illegible]		[illegible]
1978	[illegible]	1139	997	516	[illegible]	31	11	[illegible]
1979	1125	[illegible]	922	[illegible]	236	[illegible]	[illegible]	[illegible]
1980	1164	1177	959	573	[illegible]	[illegible]	[illegible]	[illegible]

A

HEATING DEGREE DAYS
FOR HILLSLEY [illegible] VAIL CO

AVGE TEMPERATURE DF

PERIOD OF RECORD: MAY 84 - JUN 88

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]	77	[illegible]	[illegible]	243	413	657	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	192	[illegible]	[illegible]	[illegible]	3172
[illegible]	124	14		123	457	577	1307	4745
143	131	1	22	113	414	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		17	145	447	[illegible]	135	[illegible]
[illegible]	[illegible]	47	25	74	[illegible]	737	1116	[illegible]
[illegible]	[illegible]	27	29	172	[illegible]	751	[illegible]	[illegible]
191	71	[illegible]	34	225	297	634	1237	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	41	145	449	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	27	235	464	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		13	183	[illegible]	742	[illegible]	[illegible]
[illegible]	[illegible]	7	[illegible]	115	351	717	1217	7155
[illegible]	[illegible]	[illegible]	[illegible]	177	437	[illegible]	[illegible]	6774
[illegible]	75	[illegible]	1	113	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	371	737	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	16	75	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	735	[illegible]	[illegible]
[illegible]	[illegible]	7	14	172	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	131	[illegible]	[illegible]	147	[illegible]	[illegible]	[illegible]	[illegible]
171	[illegible]	11	39	151	473	737	[illegible]	[illegible]
[illegible]	[illegible]		15	172	413	[illegible]	1135	[illegible]
[illegible]	31	11	15	157	413	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	142	443	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	13	147	[illegible]	[illegible]	[illegible]	[illegible]

1981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
1982	[illegible]	1257	933	547	232	157	1	[illegible]	[illegible]
1983	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		17	[illegible]
1984	[illegible]	[illegible]	1257	[illegible]	301	71	11	3	[illegible]
1985	[illegible]	371	[illegible]	573	[illegible]	[illegible]		[illegible]	
1986	[illegible]	1134	831	[illegible]	332	[illegible]	11	[illegible]	
1987	[illegible]	1131	913	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
1988	[illegible]	1044	863	562	263	[illegible]	[illegible]	21	[illegible]
1989	[illegible]	1007	[illegible]	[illegible]	[illegible]	[illegible]			
MEAN	[illegible]	[illegible]	[illegible]	579	253	75	[illegible]	23	[illegible]
SD	124.51	163.47	73.75	54.55	68.55	[illegible]	[illegible]	14.28	[illegible]

[illegible]	15	[illegible]	24	132	[illegible]	[illegible]	[illegible]	5322
332	157	12	46	11[illegible]	432	[illegible]	91[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	17	106	454	[illegible]	111[illegible]	5161
301	71	11	3	102	363	712	944	5405
[illegible]	41	[illegible]	30	142	414	574	11[illegible]	5519
332	102	11	30	221	465	757	[illegible]	[illegible]
[illegible]	73	[illegible]	33	110	473	[illegible]	[illegible]	[illegible]
263	[illegible]	13	21	124	455	506	1056	5322
[illegible]	73							37[illegible]
263	75	[illegible]	23	147	425	68[illegible]	1068	
[illegible]	50.32	3.42	14.35	41.04	60.73	79.15	121.72	

6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1956					11	127	[illegible]	[illegible]
1957				5	21	[illegible]	[illegible]	[illegible]
1958					11	91	171	170
1959					57	[illegible]	[illegible]	[illegible]
1960					[illegible]	[illegible]	[illegible]	[illegible]
1961					12	[illegible]	[illegible]	[illegible]
1962					34	[illegible]		[illegible]
1963					[illegible]	[illegible]	[illegible]	[illegible]
1964					[illegible]	[illegible]	[illegible]	[illegible]
1965					[illegible]	[illegible]	[illegible]	[illegible]
1966					[illegible]	[illegible]	[illegible]	[illegible]
1967						[illegible]	[illegible]	[illegible]
1968						[illegible]	[illegible]	[illegible]
1969						[illegible]	[illegible]	[illegible]
1970					[illegible]	[illegible]	[illegible]	[illegible]
1971					1	[illegible]	[illegible]	[illegible]
1972					[illegible]	[illegible]	[illegible]	[illegible]
1973					[illegible]	[illegible]	[illegible]	[illegible]
1974				11	[illegible]	[illegible]	[illegible]	[illegible]
1975					[illegible]	[illegible]	[illegible]	[illegible]
1976				22	12	[illegible]	[illegible]	[illegible]
1977				4	[illegible]	[illegible]	[illegible]	[illegible]
1978					[illegible]	[illegible]	[illegible]	[illegible]
1979					[illegible]	[illegible]	[illegible]	[illegible]
1980					7	[illegible]	[illegible]	[illegible]

A

[illegible] DAYS
[illegible]

BASE [illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	OCT	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	171	[illegible]	[illegible]	1			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	121	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	7	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	7				[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	1			[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	1			[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	1			[illegible]
[illegible]		[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	201	[illegible]				[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	3			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
7	[illegible]	[illegible]	[illegible]	71				[illegible]

1931		[illegible]	[illegible]	[illegible]	[illegible]
1932		[illegible]	[illegible]	[illegible]	[illegible]
1933	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1934		17	[illegible]	[illegible]	[illegible]
1935		[illegible]	[illegible]	[illegible]	[illegible]
1936		22	[illegible]	[illegible]	127
1937		[illegible]7	[illegible]	[illegible]	[illegible]
1938		[illegible]	[illegible]	[illegible]	[illegible]
1939		[illegible]	[illegible]		
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible] - [illegible]

STATION NAME: [illegible]
LATITUDE/LONGITUDE: [illegible]
CLIMATIC [illegible] HOURLY OBS DATA: JAN 79 - [illegible]
SUMMARY OF DAY DATA: APR [illegible] - [illegible]
HOURLY SUMMARIES: [illegible] - [illegible]
[illegible] LST TO UTC: +[illegible]

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL
EXTREME MAX TEMP (F)	51	66	79	[illegible]	[illegible]	[illegible]	[illegible]
MEAN MAX TEMP (F)	31.[illegible]	33.[illegible]	42.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN TEMP (F)	24.1	25.2	28.2	[illegible]	[illegible]	[illegible]	[illegible]
MEAN MIN TEMP (F)	15.1	16.[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXTREME MIN TEMP (F)	-15	-3	0	17	2[illegible]	[illegible]	47
D/W TEMP GE [illegible] (F)	0	0	[illegible]	[illegible]	1	1	[illegible]
D/W TEMP GE [illegible] (F)	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
D/W TEMP LT [illegible] (F)	27	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D/W TEMP LT [illegible] (F)	[illegible]	1	[illegible]				
HEATING DEGREE DAYS	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
COOLING DEGREE DAYS				1	1[illegible]	[illegible]	1[illegible]
MEAN DEW POINT TEMP (F)	11.6	15.[illegible]	21.[illegible]	2[illegible]	[illegible]	[illegible]	[illegible]
MEAN WET BULB TEMP (F)	21.1	24.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DD.DEG AGDD (F)	10[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN SEA LEV PR AT LST(B)	51.[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	7[illegible]	7[illegible]
MEAN STA PR AT LST(B)	51.[illegible]	[illegible]	[illegible]	[illegible]	7.1	7.[illegible]	[illegible]
MAX 24HR PRECIP (IN)	[illegible]	4.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX PRECIP (IN)	12.[illegible]	[illegible]	1[illegible]	11.11	[illegible]	[illegible]	[illegible]
MEAN PRECIP (IN)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MIN PRECIP (IN)	[illegible]	[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]
D/W PRECIP GE .01 (IN)	11	1[illegible]	11	1[illegible]	1[illegible]	1[illegible]	[illegible]
D/W PRECIP GE .10 (IN)	[illegible]	[illegible]			[illegible]		[illegible]
MAX 24HR SNOW (IN)	17.[illegible]	2[illegible].4	1[illegible].3	1[illegible].2	[illegible]	[illegible]	[illegible]
MAX SNOW (IN)	43.[illegible]	[illegible].2	[illegible].4	2[illegible].4	[illegible]		
MEAN SNOW (IN)	17.[illegible]	1[illegible].9	11.[illegible]	[illegible]	[illegible]		
D/W SNOW GE .1 (IN)	7	[illegible]	[illegible]	1	[illegible]	[illegible]	
D/W SNOW GE 1.0 (IN)	[illegible]	3	[illegible]	1	[illegible]		
MAX DLY SNOW DEPTH (IN)	30	3[illegible]	3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN SFC WND DIR (DEG)	3[illegible]	3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN WND SPD (KTS)	[illegible].1	6.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX WND SPD (KTS)	55	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SKY COVER GE 1/2 (%)	53.0	56.2	53.0	65.9	67.[illegible]	[illegible]	[illegible]
D/W THUNDERSTORMS	1	[illegible]	1	1	[illegible]	[illegible]	[illegible]
D/W FOG (VSBY LT 7 MI)	11	1[illegible]	12	1[illegible]	1[illegible]	1[illegible]	1[illegible]

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
[illegible] = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
[illegible] = DATA NOT AVAILABLE

[illegible]/YR = [illegible]/YEAR
WBPA = [illegible] GASE MA[illegible]
[illegible] = LESS THAN [illegible]
[illegible] = [illegible]

A

[illegible]

[illegible]

[illegible]	MAY	JUN	JUL	AUG	SEP	OCT	[illegible]	[illegible]	ANN	YRS
1	[illegible]	[illegible]	101	139	94	37	75	[illegible]	101	33
[illegible]	[illegible]	34.0	77.	77.7	73.7	59.7	4[illegible]	[illegible]	[illegible]	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.[illegible]	31.1	41.1	[illegible]	[illegible]	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.7	42.	[illegible]	[illegible]	[illegible]	33
17	29	33	47	42	32	22	11	-9	-15	33
[illegible]	1	1	2	3	1	1	[illegible]	[illegible]	7	33
[illegible]	[illegible]	[illegible]	15	13	[illegible]	1			47	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	1[illegible]	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	4	33
[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	1[illegible]7	[illegible]	[illegible]	[illegible]	[illegible]	33
1	1[illegible]	[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	33
[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	1.7	3[illegible]	51.[illegible]	[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	27.7	[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
[illegible]	7[illegible]	[illegible]	73.7	[illegible]	[illegible]	77.[illegible]	[illegible]	[illegible]	72.[illegible]	1[illegible]
[illegible]	7.1	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	4.1[illegible]	[illegible]	5.7[illegible]	[illegible]	[illegible]	[illegible]	33
11.11	.91	[illegible]	7.[illegible]1	7.21	.1[illegible]	12.1[illegible]	11.71	1[illegible]	[illegible]	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.7[illegible]	33
[illegible]	1.[illegible]	[illegible]	[illegible]	1.11	[illegible]	.37	[illegible]	[illegible]	37.[illegible]	33
[illegible]	[illegible]	1[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]	1[illegible]	1[illegible]	12[illegible]	33
	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33
1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	28.[illegible]	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	11[illegible].2	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible].1	1[illegible]	[illegible]	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	33
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33
[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3[illegible]
[illegible]	67.[illegible]	[illegible]	[illegible]	[illegible]	51.[illegible]	52.[illegible]	57.[illegible]	[illegible]	[illegible]	1[illegible]
1	2	[illegible]	[illegible]	4	2	1	1	[illegible]	23	33
1[illegible]	14	15	15	15	15	14	14	12	162	33

[illegible]/YR) = [illegible] IN 100/YEARS OF RECORD

[illegible] = [illegible] CALM MAXIMUM PRESSURE ALTITUDE

[illegible] # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

[illegible] % = PERCENTAGE OF CALM WINDS [illegible] - THAT IS EQUAL TO MEAN WIND DIRECTION

b

		PERCENT OCCURRENCE						
	CEILING	JAN	FEB	MAR	APR	MAY	JUN	JUL
	CEIL							
	07 - 02	15.4	21.4	21.2	27.7	[illegible]	[illegible]	17.1
	03 - 06	15.5	22.9	22.2	22.1	29.1	[illegible]	[illegible]
CIG	07 - 09	16.5	23.2	23.4	25.7	23.2	[illegible]	[illegible]
LT 3000 FT	09 - 11	14.1	20.2	23.9	27.6	24.1	[illegible]	17.[illegible]
ABV/BL	12 - 14	13.7	13.4	20.2	25.[illegible]	[illegible]	13.[illegible]	1[illegible]
VSBY	15 - 17	13.3	17.7	21.1	23.1	1[illegible]	1[illegible]	11.[illegible]
LT 3 MI	18 - 20	15.2	13.4	23.8	23.7	1[illegible]	1[illegible]	1[illegible]
	21 - 23	15.[illegible]	13.5	21.4	2[illegible]	21.[illegible]	12.	1[illegible]
	ALL	16.[illegible]	20.4	22.1	2[illegible]	21.[illegible]	[illegible]	1[illegible]
	00 - 02	12.[illegible]	15.4	15.7	2[illegible]	21.[illegible]	1[illegible]	12.
	03 - 06	12.7	17.3	1[illegible]	3[illegible]	22.[illegible]	[illegible]	[illegible]
CIG	07 - 09	11.[illegible]	17.1	1[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
LT 1500 FT	09 - 11	13.[illegible]	14.5	1[illegible]	21.[illegible]	1[illegible]	1[illegible]	1[illegible]
ABV/BL	12 - 14	13.[illegible]	13.5	1[illegible]	17.[illegible]	1[illegible]	1[illegible]	[illegible]
VSBY	15 - 17	14.[illegible]	13.4	1[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]
LT 3 MI	18 - 20	1[illegible].1	13.3	1[illegible]	1[illegible]	1[illegible]	1[illegible]	1[illegible]
	21 - 23	11.[illegible]	14.[illegible]	1[illegible]	[illegible]	1[illegible]	1[illegible]	1[illegible]
	ALL	12.[illegible]	14.[illegible]	1[illegible]	[illegible]	1[illegible]	[illegible]	1[illegible]
	00 - 02	10.5	13.2	13.7	13.7	1[illegible]	1[illegible]	[illegible]
	03 - 06	[illegible]	13.4	14.7	21.3	[illegible]	1[illegible]	13.[illegible]
CIG	07 - 09	[illegible]	13.4	1[illegible]	[illegible]	1[illegible]	1[illegible]	[illegible]
LT 1500 FT	09 - 11	[illegible]	13.6	1[illegible]	17.1	1[illegible]	1[illegible]	11.[illegible]
ABV/BL	12 - 14	[illegible]	11.3	1[illegible]	11.[illegible]	1[illegible]	1[illegible]	[illegible]
VSBY	15 - 17	[illegible].7	10.7	1[illegible]	12.[illegible]	1[illegible]	[illegible]	[illegible].1
LT 3 MI	18 - 20	[illegible]	11.2	11.7	1[illegible]	1[illegible]	1[illegible]	1[illegible]
	21 - 23	10.[illegible]	13.[illegible]	1[illegible].7	1[illegible]	17.[illegible]	1[illegible]	11.[illegible]
	ALL	[illegible]	12.4	1[illegible]	17.1	17.[illegible]	1[illegible]	1[illegible]
	00 - 02	1.4	2.5	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	03 - 06	[illegible]	2.[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	7.[illegible]
CIG	07 - 09	[illegible]	1.4	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]
LT 500 FT	09 - 11	1.7	2.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ABV/BL	12 - 14	1.2	2.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VSBY	15 - 17	1.[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	.1
LT 1/2 MI	18 - 20	1.[illegible]	1.[illegible]	1.[illegible]	2.[illegible]	1.[illegible]	[illegible]	1.[illegible]
	21 - 23	1.[illegible]	2.[illegible]	1.[illegible]	[illegible]	[illegible]	1.[illegible]	1.[illegible]
	ALL	1.[illegible]	2.1	1.[illegible]	1.[illegible]	2.3	1.[illegible]	2.[illegible]

HORIZONTAL/VERTICAL STEPS USED FOR THE PERIOD 1973 - 1[illegible]

HZ/TS	JUN	JUL	AUG	SEP	OCT
600M	0/0	1/1	2/2	2/2	[illegible]
1200M	0/0	1/2	4/5	5/3	[illegible]
2400M	2/3	3/7	12/15	14/[illegible]	1[illegible]

A

[illegible] OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

[illegible]	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	YEAR
17.7	22.9	21.[illegible]	13.1	17.7	23.2	19.5	23.[illegible]	21.[illegible]	21.5	19
23.1	25.1	23.2	24.9	22.4	23.4	26.3	25.2	25.7	23.4	19
24.7	23.0	24.2	23.1	23.1	22.9	21.7	25.5	23.1	23.1	19
17.[illegible]	24.1	22.3	17.2	19.5	15.9	17.3	24.4	21.1	21.1	19
[illegible]	23.5	17.9	12.5	13.3	15.5	17.9	21.[illegible]	15.4	15.7	19
[illegible]	19.[illegible]	15.2	11.9	13.5	15.9	15.2	21.3	17.2	17.5	19
[illegible]	1[illegible]	14.7	14.7	11.5	13.[illegible]	15.2	21.[illegible]	[illegible]	17.5	19
[illegible]	21.[illegible]	17.[illegible]	14.9	12.4	15.5	14.9	23.1	23.[illegible]	15.9	19
[illegible]	21.9	[illegible]	15.9	15.3	15.1	15.1	23.4	21.5	20.1	19
[illegible]	21.[illegible]	15.[illegible]	17.[illegible]	15.[illegible]	15.4	15.9	16.[illegible]	15.5	17.2	19
[illegible]	23.[illegible]	23.[illegible]	23.1	15.5	15.2	17.6	14.9	15.[illegible]	17.5	19
[illegible]	[illegible]	21.4	15.[illegible]	15.5	15.4	15.[illegible]	21.5	15.[illegible]	17.1	19
1[illegible]	19.5	15.[illegible]	15.1	14.5	15.3	14.3	2[illegible].3	19.7	16.[illegible]	19
1[illegible]	15.[illegible]	13.[illegible]	9.3	13.2	11.9	12.3	15.3	13.9	13.4	19
1[illegible]	15.1	13.1	9.1	[illegible]	15.3	11.[illegible]	14.9	13.9	12.7	19
1[illegible]	17.[illegible]	15.1	11.[illegible]	[illegible].1	15.7	11.[illegible]	13.5	15.[illegible]	13.[illegible]	19
[illegible]	[illegible]	[illegible]	13.3	13.5	13.5	15.5	14.7	[illegible].1	14.[illegible]	19
[illegible]	15.1	17.[illegible]	14.5	13.[illegible]	14.4	14.5	15.[illegible]	15.[illegible]	15.7	19
13.7	15.[illegible]	15.4	15.[illegible]	11.9	15.7	15.9	12.9	15.5	14.[illegible]	19
21.3	2[illegible].3	15.2	13.4	13.7	15.9	15.7	15.7	13.[illegible]	15.9	19
[illegible]	15.4	15.4	15.[illegible]	15.5	15.9	17.9	15.1	15.4	15.9	19
17.1	15.[illegible]	14.[illegible]	11.[illegible]	15.2	15.9	11.[illegible]	15.7	11.5	13.7	19
11.4	15.4	13.4	7.5	7.[illegible]	[illegible]	15.[illegible]	11.7	[illegible]	10.1	19
11.[illegible]	13.7	[illegible]	7.1	[illegible]	[illegible]	9.5	11.5	[illegible]	[illegible]	19
15.[illegible]	15.5	13.4	13.3	7.5	9.2	9.3	1[illegible]	11.7	11.5	19
1[illegible]	17.[illegible]	12.[illegible]	11.2	[illegible].7	12.3	11.9	11.3	12.5	12.[illegible]	19
17.1	17.[illegible]	15.7	13.4	13.1	11.7	13.4	13.1	11.7	13.[illegible]	19
[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	[illegible]	1.[illegible]	1.[illegible]	[illegible]	19
[illegible]	[illegible]	3.2	7.[illegible]	3.1	3.1	4.7	[illegible]	1.[illegible]	3.3	19
[illegible]	[illegible]	1.[illegible]	3.2	2.7	[illegible]	4.7	3.3	1.4	2.4	19
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.3	2.2	[illegible]	1.[illegible]	19
[illegible]	[illegible]	.1	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19
[illegible]	[illegible]	[illegible]	.4	.1	[illegible]	.1	[illegible]	.7	1.1	.7	19
2.[illegible]	1.3	[illegible]	1.9	.5	1.9	2.2	.4	1.5	1.3	19
[illegible]	3.2	1.3	1.5	1.[illegible]	1.9	2.4	.7	3.2	1.9	19
[illegible]	2.3	1.[illegible]	2.3	1.3	1.[illegible]	2.[illegible]	1.[illegible]	1.[illegible]	1.9	19

[illegible] 1[illegible] - 19[illegible]:

JUL	AUG	SEP	OCT	NOV	DEC
1/1	2/2	2/2	3/1	3/3	5/5
1/2	4/5	5/3	3/1	3/3	10/12
2/7	12/15	14/3	1/3	0/1	3/3

B

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AAAAAAAAAAA  000000000   111111111111   AA      AA   LL
AA    AA     00    00     11    11      AA      AA   LL
AA    AA     00    00     11    11      AA      AA   LL
AA    AA     00    00     11    11      AA      AA   LL
AAAAAAAAAAA  00    00     11    11      AA      AA   LL
AAAAAAAAAAA  00    00     11    11      AA      AA   LL
AA    AA     00    00     11    11      AA      AA   LL
AA    AA     00    00     11    11      AA      AA   LL
AA    AA     00    00     11    11      AA      AA   LL
AA    AA     000000000    111111111111  AAAAAAAAAAAA LLLLLLLLLLLL
AA    AA     000000000    111111111111  AAAAAAAAAAAA LLLLLLLLLLLL
```

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JJJJJJJJJJ   999999999   333333333333   ?????????
JJJJJJJJJJ   999999999   333333333333   ?????????
JJ           99      99   33          33   ??      ??
JJ           99      99               33   ??      ??
JJ           99      99               33   ??      ??
JJ           999999999999          3333   ??????????
JJ           999999999999          3333   ??????????
JJ                   99               33   ??      ??
JJ     JJ            99               33   ??      ??
JJ     JJ        99  99   33          33   ??      ??
JJJJJJJJ         999999999999   333333333333   ??????????
JJJJJJ           999999999      333333333333   ??????????
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*A  END  JCL  239  ALLOCATE  2        001 001 LOCAL    ALLOCATED
*A  END  JCL  239  ALLOCATE  2        001 001 LOCAL    ALLOCATED
*A  END  JCL  239  ALLOCATE  2        001 001 LOCAL    ALLOCATED
```

A